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1854
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LIST

OF THE

SHELLS OF SOUTH AMERICA

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

6874.

COLLECTED AND DESCRIBED BY

M. ALCIDE D'ORBIGNY,

In the "Voyage dans l'Amérique Méridionale."

LONDON:

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1854.

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P R E F A C E.

THE specimens of SHELLS in the following List marked B.M. were received from Professor Alcide d'Orbigny, as the type specimens, collected, described and figured by him in the Mollusca Part of the "Voyage dans l'Amérique Méridionale, le Brésil, la république orientale de l'Uruguay, la république Argentine, la Patagonie, la république du Chili, la république de Bolivia, la république de Pérou, exécuté pendant les années 1826 à 1833, par Alcide d'Orbigny. Ouvrage dédié au Roi, et publié sous les auspices de M. le Ministre de l'Instruction publique." Paris, 4to. 1847.

The specimens are fastened on their original Pasteboard Trays, named by M. d'Orbigny, and marked with their special habitats ; and generally there is a series of different ages of each species, especially of those from the South American rivers and ponds.

JOHN EDWARD GRAY.

1 Oct. 1854.



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Moll.

LIST
OF THE
MOLLUSCA OF SOUTH AMERICA.

N.B. The species of SHELLS received by the British Museum from
M. d'Orbigny are marked B.M. in the outer margin.

Class I. CEPHALOPODA.

Order I. ACETABULIFERA.

Fam. 1. OCTOPODÆ.

1. ARGONAUTA HIANUS, *Soland., d'Orb. Voy.* v. 12.
Shores of America (Nov.).
2. PHILONEXIS QUOYANUS, *d'Orb. Voy.* v. 17. t. 2.
f. 6-8.
Pacific Ocean.
3. PHILONEXIS ATLANTICUS, *d'Orb. Voy.* v. 19. t. 2.
f. 1-4.
Atlantic Ocean ; Tropics.
4. PHILONEXIS EYLAIS, *d'Orb. Voy.* v. 20. t. 1. f. 8, 11.
Atlantic Ocean.

5. PHILONEXIS BREVIPES, *d'Orb. Voy.* v. 22. t. 1. f. 1, 3.
Atlantic Ocean.
6. PHILONEXIS MINIMUS, *d'Orb. Voy.* v. 23. t. 1. f. 4, 5.
Pacific Ocean (Sept.).
7. OCTOPUS TEHUELCHUS, *d'Orb. Voy.* v. 27. t. 1.
f. 6, 7.
Shores of Patagonia.
8. OCTOPUS FONTANIANUS, *d'Orb. Voy.* v. 28. t. 2. f. 6.

Fam. 2. DECAPODÆ.

9. CRANCHIA CARDIOPTERA, *Peron, d'Orb. Voy.* v. 34.
Atlantic Ocean.
10. ONYCHOTEUTHIS PERATOPTERA, *d'Orb. Voy.* v. 39.
t. 3. f. 5, 7.
Coast of Chili.
11. ONYCHOTEUTHIS PLATYPTERA, *d'Orb. Voy.* v. 41.
t. 3. f. 8, 11.
Atlantic.
12. ONYCHOTEUTHIS ANGULATA, *Lesueur, d'Orb. Voy.*
v. 42.
Atlantic.
13. OMMASTREPES GIGAS, *d'Orb. Voy.* v. 50.
Loligo gigas, d'Orb. Voy. v. t. 4.
Chili.
14. OMMASTREPES CYLINDRACEUS, *d'Orb. Voy.* v. 54.
Loligo cylindraceus, d'Orb. Voy. v. t. 3. f. 34.
15. OMMASTREPES BARTRAMII, *d'Orb. Voy.* v. 55. B.M.
Loligo Bartramii, Lesueur.
Southern Hemisphere.
16. LOLIGO GAHI, *d'Orb. Voy.* v. 60. t. 3. f. 1, 2.
Coast of Chili.

17. *LOLIGO BREVIS*, *Blainv., d'Orb. Voy.* v. 62.
Rio de Janeiro.
18. *LOLIGO BRASILIENSIS*, *Blainv., d'Orb. Voy.* v. 63. B.M.
Rio de Janeiro.

Class II. PTEROPODA.

Fam. 1. HYALINEA.

19. *HYALÆA FORSKALII*, *Lesueur, d'Orb. Voy.* v. 89.
t. 5. f. 1-5. B.M.
Hyalæa tridentata, *Bosc.*
Hyalæa cornea, *Roissy.*
Anomia tridentata, *Gmelin.*
Cavolina natans, *Abild.*
Hyalæa papilionacea, *Bory.*
Hyalæa Chemnitziana, *Peron & Lesueur.*
20. *HYALÆA AFFINIS*, *d'Orb. Voy.* v. 91. t. 5. f. 6-10. B.M.
21. *HYALÆA UNCINATA*, *Rang, d'Orb. Voy.* v. 93. t. 5.
f. 11-15. B.M.
22. *HYALÆA GIBBOSA*, *Rang, d'Orb. Voy.* v. 95. t. 5.
f. 16, 20. B.M.
23. *HYALÆA FLAVA*, *d'Orb. Voy.* v. 97. t. 5. f. 21, 25. B.M.
24. *HYALÆA QUADRIDENTATA*, *Lesueur, d'Orb. Voy.*
v. 98. t. 6. f. 1-5. B.M.
25. *HYALÆA LONGIROSTRA*, *Lesueur, d'Orb. Voy.* v.
100. t. 6. f. 6-10. B.M.
26. *HYALÆA LIMBATA*, *d'Orb. Voy.* v. 101. t. 6. f. 11-15. B.M.
Hyalæa longirostris, *Quoy & Gaim.*
27. *HYALÆA INFLEXA*, *Lesueur, d'Orb. Voy.* v. 103. t. 6.
f. 16, 20. B.M.
28. *HYALÆA LABIATA*, *d'Orb. Voy.* v. 104. t. 6. f. 21, 25. B.M.

29. *HYALÆA TRISPINOSA*, *Lesueur, d'Orb. Voy.* v. 106.
t. 7. f. 1-5; t. 20. f. 1, 2. B.M.
30. *HYALÆA MUCRONATA*, *Quoy & Gaim., d'Orb. Voy.*
v. 108. t. 7. f. 6, 10. B.M.
Hyalæa trispinosa, Quoy & Gaim.
31. *HYALÆA DEPRESSA*, *d'Orb. Voy.* v. 110. t. 7. f. 11, 14.
32. *HYALÆA LÆVIGATA*, *d'Orb. Voy.* v. 110. t. 7. f. 15, 19. B.M.
33. *HYALÆA (CLEODORA) CUSPIDATA*, *Bosc, d'Orb.*
Voy. v. 112. t. 7. f. 20, 24. B.M.
Cleodora cuspidata, Quoy.
Cleodora Lessonii, Rang.
Cleodora quadrispinosa, Rang.
34. *HYALÆA (CLEODORA) PYRAMIDATA*, *Bosc, d'Orb.*
Voy. v. 113. t. 7. f. 30, 32. B.M.
Clio pyramida, Browne.
Hyalæa lanceolata, Lesueur.
Cleodora lanceolata, Rang.
Clio caudata, Browne.
Hyalæa caudata, Rang.
Var. *a.* t. 7. f. 25, 29.
Var. *β.* t. 8. f. 32, 33.
35. *HYALÆA (CLEODORA) BALANTIUM*, *d'Orb. Voy.* v.
116. t. 8. f. 1-4.
Balantium, Children, Journ. Roy. Inst. xv. 220. f. 7.
36. *HYALÆA (CLEODORA) AUSTRALIS*, *d'Orb. Voy.* v.
117. t. 8. f. 9-11. B.M.
37. *HYALÆA (CLEODORA) RUGOSA*, *d'Orb. Voy.* v. 118.
t. 8. f. 12-14.
38. *HYALÆA (CRESIS) SUBULA*, *Quoy & Gaim., d'Orb.*
Voy. v. 119. t. 8. f. 15-19. B.M.
Cleodora subula, Quoy.
Cresis spinifera, Rang.
39. *HYALÆA (CRESIS) CORNIFORMIS*, *d'Orb. Voy.* v.
120. t. 8. f. 20, 23. B.M.

40. *HYALÆA* (CRESIS) *VIRGULA*, *d'Orb. Voy.* v. 121.
t. 8. f. 26, 28. B.M.
Cresis virgula, *Rang.*
41. *HYALÆA* (CRESIS) *STRIATA*, *d'Orb. Voy.* v. 122.
t. 8. f. 23, 25. B.M.
Cresis striata, *Rang.*
42. *HYALÆA* (CRESIS) *ACICULATA*, *d'Orb. Voy.* v. 123.
t. 8. f. 29, 31. B.M.
Cresis aciculata, *Rang.*
Cresis clava, *Rang.*
43. *CUVIERIA* *COLUMELLA*, *Rang, d'Orb. Voy.* v. 125.
t. 8. f. 35, 39. B.M.
Cleodora obtusa, *Quoy & Gaim.*
Cresis obtusa, *Rang.*
44. *PNEUMODERMON* *VIOLACEUM*, *d'Orb. Voy.* v. 129.
t. 9. f. 10-15.
Atlantic Ocean.
45. *SPONGIOBRANCHIA* *AUSTRALIS*, *d'Orb. Voy.* v. 131.
t. 9. f. 1-6.
Atlantic Ocean.
46. *SPONGIOBRANCHIA* *ELONGATA*, *d'Orb. Voy.* v. 132.
t. 9. f. 8, 9.
47. *CYMODOCE* *DIAPHANA*, *d'Orb. Voy.* v. 133. t. 9.
f. 16, 17.

Class III. HETEROPODA.

Fam. 1. NUCLEOBRANCHEÆ.

48. *SAGITA* *TRIPTERA*, *d'Orb. Voy.* v. 142. t. 10. f. 1, 3.
49. *SAGITA* *EXAPTERA*, *d'Orb. Voy.* v. 143. t. 10. f. 4, 5.
50. *SAGITA* *APTERA*, *d'Orb. Voy.* v. 143. t. 10. f. 6, 7.

51. FIROLA (ANOPS) PERONII, *d'Orb. Voy.* v. 147. t. 10. f. 8-10.
52. FIROLA (FIROLA) QUOYANA, *d'Orb. Voy.* v. 150. t. 11. f. 1, 2.
53. FIROLA (CEROPHORA) LESUEURII, *d'Orb. Voy.* v. 151. t. 10. f. 11, 12.
54. FIROLA (CEROPHORA) GAIMARDII, *d'Orb. Voy.* v. 153. t. 10. f. 13, 14.
55. CARDIOPHORA PEDUNCULATA, *d'Orb. Voy.* v. 156. t. 11. f. 5.
56. CARDIOPHORA CARINATA, *d'Orb. Voy.* v. 157. t. 11. f. 3, 4.
57. CARINARIA PUNCTATA, v. 160. t. 11. f. 6-15. B.M.

Fam. 2. ATLANTIDEÆ.

58. ATLANTA (HELICOPHLEGMA) KERAUDRENII, *Rang, d'Orb. Voy.* v. 169. t. 9. f. 16, 23; t. 20. f. 34. B.M.
59. ATLANTA (ATLANTA) PERONII, *Lesueur, d'Orb. Voy.* v. 171. t. 12. f. 1, 15. B.M.
Atlanta Keraudrenii, Quoy & Gaimard.
Corne d'Ammon, Lamanon.
60. ATLANTA TURRICULATA, *d'Orb. Voy.* v. 173. t. 20. f. 5, 11. B.M.
61. ATLANTA (HELICONOIDES) INFLATA, *d'Orb. Voy.* v. 174. t. 12. f. 16, 19. B.M.
62. ATLANTA (HELICONOIDES) ROTUNDA, *d'Orb. Voy.* v. 175. t. 12. f. 20, 24. B.M.
63. ATLANTA (HELICONOIDES) RANGII, *d'Orb. Voy.* v. 176. t. 12. f. 25, 28. B.M.
64. ATLANTA (HELICONOIDES) LESUEURII, *d'Orb. Voy.* v. 177. t. 20. f. 12, 15. B.M.

65. ATLANTA (HELICONOIDES) TROCHIFORMIS, *d'Orb.*
Voy. v. 177. t. 12. f. 29, 31.
66. ATLANTA (HELICONOIDES) RETICULATA, *d'Orb.*
Voy. v. 178. t. 12. f. 32, 35 & 39. B.M.
67. ATLANTA (HELICONOIDES) BULLINOIDES, *d'Orb.*
Voy. v. 179. t. 12. f. 36, 38.

Fam. 3. PHYLLIROIDEÆ.

68. PHYLLIROË ROSEUM, *d'Orb. Voy.* v. 183. t. 20.
f. 16, 17.

Class IV. GASTEROPODA.

Order I. NUDIBRANCHIA.

69. DORIS VARIOLATA, *d'Orb. Voy.* v. 186. t. 16. f. 1, 3.
Chili.
70. DORIS PUNCTUOLATA, *d'Orb. Voy.* v. 187. t. 16.
f. 4-6.
Chili.
71. DORIS PERUVIANA, *d'Orb. Voy.* v. 188. t. 15. f. 7-9.
Peru.
72. DORIS HISPIDA, *d'Orb. Voy.* v. 188. t. 15. f. 4-6.
Chili; Valparaiso.
73. DORIS FONTAINII, *d'Orb. Voy.* v. 189. t. 15. f. 1, 3.
Chili.
74. CAVOLINA PATAGONICA, *d'Orb. Voy.* v. 192. t. 14.
f. 4, 7.
North Patagonia.
75. CAVOLINA INCA, *d'Orb. Voy.* v. 193. t. 13. f. 1-7.
Chili and Peru.

76. CAVOLINA NATANS, *d'Orb. Voy.* v. 195. t. 13.
f. 8-10.

Peru.

77. GLAUCUS DISTICHUS, *d'Orb. Voy.* v. 196. t. 14.
f. 1, 3.

Peru.

Order II. INFEROBRANCHIA.

78. DIPHYLLIDIA CUVIERI, *d'Orb. Voy.* v. 199. t. 17.
f. 1-3.

Chili; Valparaiso.

Order III. TECTIBRANCHIA.

79. POSTEROBRANCHÆA MACULATA, *d'Orb. Voy.* v.
203. t. 17. f. 6, 9.

80. PLEUROBRANCHUS PATAGONICUS, *d'Orb. Voy.* v.
204. t. 17. f. 4, 5.

81. APLYSIA LIVIDA, *d'Orb. Voy.* v. 206. t. 18. f. 3, 5.
Brazils.

82. APLYSIA INCA, *d'Orb. Voy.* v. 207. t. 14. f. 13.
Peru.

83. APLYSIA NIGRA, *d'Orb. Voy.* v. 209. t. 18. f. 1, 2.
Peru.

84. APLYSIA RANGIANA, *d'Orb. Voy.* v. 210. t. 17.
f. 11, 13.
Peru.

85. BULLA PERUVIANA, *d'Orb. Voy.* v. 211.
Bulla hydatidis, *d'Orb. Voy.* t. 19. f. 4, 5.
Peru.

B.M.

86. *BULLA STRIATA*, Brug., *d'Orb. Voy.* v. 212. B.M.
Brazils.

Order IV. PULMOBRANCHIA.

Suborder I. GEOPHILES.

Fam. 1. LIMACEA (*Limaciens*).

87. *VAGINULUS LIMAYANUS*, Lesson, *d'Orb. Voy.* v. 219.
Lima.
88. *VAGINULUS SOLEA*, *d'Orb. Voy.* v. 220. t. 21. f. 1-4.
Vaginulus soleiformis, *d'Orb. Syn.*
Bolivia.
89. *LIMAX ANDECOLUS*, *d'Orb. Voy.* v. 222.
Andes.
90. *LIMAX ÆQUINOCTIALIS*, *d'Orb. Voy.* v. 222.
Guayaquil.

Fam. 2. COLIMACEA.

91. *SUCCINEA (OMALONYX) UNGUIS*, *d'Orb. Voy.* v. 229. t. 22. f. 1-7. B.M.
Helix (Cochlohydra) unguis, *Féruss.*
Bolivia.
92. *SUCCINEA GAYANA*, *d'Orb. Voy.* v. 230. t. 22. f. 8-11. B.M.
Helix Gayana, *d'Orb.*
Chili.
93. *SUCCINEA EQUINOCTIALIS*, *d'Orb. Voy.* v. 231. B.M.
Helix putris, *Syn.* 2.
Guayaquil.

94. *SUCCINEA OBLONGA*, *Drap., d'Orb. Voy.* v. 231. B.M.
Helix elongata, *Syn.* 4.
 S. America.
95. *HELIX COMBOIDES*, *d'Orb. Voy.* v. 233. t. 23. B.M.
 f. 14-18.
 Bolivia.
96. *HELIX TRIODONTA*, *d'Orb. Voy.* v. 234. t. 24. f. 1, 3. B.M.
 Equator; Island of Puna.
97. *HELIX CHEILOSTROPHA*, *d'Orb. Voy.* v. 235. t. 23. B.M.
 f. 5, 8.
 Bolivia.
98. *HELIX POLLODONTA*, *d'Orb. Voy.* v. 236. t. 23. B.M.
 f. 9, 13.
 Bolivia.
99. *HELIX HELIGMOIDA*, *d'Orb. Voy.* v. 237. t. 23. B.M.
 f. 1, 4.
 Guayaquil.
100. *HELIX LACTEA*, *Müller, d'Orb. Voy.* v. 238. B.M.
 Montevideo; introduced from Teneriffe.
101. *HELIX AUDOUINII*, *d'Orb. Voy.* v. 239. t. 24. B.M.
 f. 4-6.
 Bolivia.
102. *HELIX ORESIGENA*, *d'Orb. Voy.* v. 240. t. 25. B.M.
 f. 1-4.
 Bolivia.
103. *HELIX ESTELLA*, *d'Orb. Voy.* v. 241. t. 25. f. 5-8. B.M.
 Bolivia.
104. *HELIX TRIGRAMMEPHORA*, *d'Orb. Voy.* v. 242. B.M.
 t. 25. f. 9-11.
 Bolivia.

105. *HELIX SIMILARIS*, *Féruss., d'Orb. Voy.* v. 243. B.M.
Brazils.
106. *HELIX SERPENS*, *Féruss., d'Orb. Voy.* v. 244. B.M.
Brazils.
107. *HELIX HELIACA*, *d'Orb. Voy.* v. 244. t. 26. f. 1-5. B.M.
Bolivia; Brazils.
108. *HELIX (HELICELLA) HELICYCLOIDES*, *d'Orb. Voy.*
v. 246. t. 28. f. 1-4. B.M.
Bolivia.
109. *HELIX DISSIMILIS*, *d'Orb. Voy.* v. 247. t. 26.
f. 18-21. B.M.
Chili.
110. *HELIX INSIGNIS*, *d'Orb. Voy.* v. 247. t. 26. f. 14-17. B.M.
Guayaquil.
111. *HELIX AMMONIFORMIS*, *d'Orb. Voy.* v. 248. t. 26.
f. 10-13. B.M.
Bolivia.
112. *HELIX OMALOMORPHA*, *d'Orb. Voy.* v. 249. t. 27.
f. 1-3. B.M.
Bolivia.
113. *HELIX SKIAPHILA*, *d'Orb. Voy.* v. 249. t. 27. f. 4-7. B.M.
Bolivia.
114. *HELIX ORBICULA*, *d'Orb. Voy.* v. 250. t. 27. f. 16-19. B.M.
Bolivia.
115. *HELIX CHALICOPHILA*, *d'Orb. Voy.* v. 251. t. 27.
f. 8-11. B.M.
Bolivia.
116. *HELIX TROCHILIONEIDES*, *d'Orb. Voy.* v. 251.
t. 27. f. 12-15. B.M.
Bolivia.

117. *HELIX COSTELLATA*, *d'Orb. Voy.* v. 252. t. 26.
f. 6-9. B.M.
Montevideo.
118. *HELIX BOUNOBÆNA*, *d'Orb. Voy.* v. 253. t. 28.
f. 17-20. B.M.
Bolivia.
119. *HELIX HYLEPHILA*, *d'Orb. Voy.* v. 253. t. 28. B.M.
f. 9-16.
Bolivia.
120. *HELIX ELEVATA*, *d'Orb. Voy.* v. 254. t. 28. f. 5-8. B.M.
Montevideo.
121. *HELIX PROGASTOR*, *d'Orb. Voy.* v. 255. t. 22.
f. 12-15. B.M.
122. *BULIMUS MULLERI*, *Brug., d'Orb. Voy.* v. 256. B.M.
Helix Mülleri, *Féruss.*
Buccinum striatum, *Müller.*
Bulimus striatus, *Brug.*
Bolivia.
123. *BULIMUS UNILAMELLATUS*, *d'Orb. Voy.* v. 257. B.M.
Helix unilamellata, *d'Orb.*
Bolivia.
124. *BULIMUS REGINA*, *d'Orb. Voy.* v. 257. t. 29. f. 4, 5. B.M.
Helix regina, *Féruss.*
Achatina perversa, *Swains.*
Achatina melanostoma, *Swains.*
Bolivia.
125. *BULIMUS PHLOGERUS*, *d'Orb. Voy.* v. 259. t. 29.
f. 6, 7. B.M.
Helix phlogera, *d'Orb.*
Bolivia.
126. *BULIMUS OCTONUS*, *Brug., d'Orb. Voy.* v. 260. B.M.
Helix octona, *Chemn.*
Bolivia.

127. *BULIMUS BACTERIONIDES*, *d'Orb. Voy.* v. 260.
t. 29. f. 1, 2. B.M.
Helix bacterionides, *d'Orb.*
Bolivia.
128. *BULIMUS (COCHLICELLA) CLAVULUS*, *d'Orb. Voy.*
v. 261. B.M.
Helix clavulus, *Féruss.*
Acicula fusiformis, *Kuhl.*
Bolivia.
129. *BULIMUS MICRA*, *d'Orb. Voy.* v. 262. t. 41. f. 18,
19. B.M.
Helix micra, *d'Orb.*
Brazils.
130. *BULIMUS MIMOSARUM*, *d'Orb. Voy.* v. 262. t. 41.
f. 12-14. B.M.
Helix mimosarum, *d'Orb.*
Bolivia.
131. *BULIMUS CAMBA*, *d'Orb. Voy.* v. 263. t. 41. f. 15, 16. B.M.
Bolivia.
132. *BULIMUS SCABIOSUS*, *d'Orb. Voy.* v. 263.
Bulinus scabiosus, *Sow.*
Helix scabiosa, *d'Orb.*
Bolivia; Mountains of Cobija.
133. *BULIMUS LICHENORUM*, *d'Orb. Voy.* v. 264. t. 41.
f. 9, 10. B.M.
Helix lichenorum, *d'Orb.*
Bolivia; Plains near Cobija.
134. *BULIMUS UNDATUS*, *Brug., d'Orb. Voy.* v. 264. B.M.
Buccinum zebra, *Müller.*
Bulla zebra, *Gmelin.*
Helix undata, *Féruss.*
Bulinus princeps, *Brod.*
Achatina pulchella, *Spix.*
Brazils; Peru; Columbia.

135. *BULIMUS GALLINA SULTANA*, *Lamk., d'Orb. Voy.* v. 265. B.M.
Helix gallina sultana, *Chemn.*
Helix sultana, *Dillw.*
Achatina Pavonina, *Spix.*
Bolivia.
136. *BULIMUS BRODERIPI*, *d'Orb. Voy.* v. 266. B.M.
Bulinus Broderipi, *Sow.*
Helix Broderipi, *d'Orb.*
Bolivia.
137. *BULIMUS COTURNIX*, *d'Orb. Voy.* v. 266. B.M.
Bulinus coturnix, *Brod.*
Helix coturnix, *d'Orb.*
Chili.
138. *BULIMUS COQUIMBENSIS*, *d'Orb. Voy.* v. 267. B.M.
Bulinus Coquimbensis, *Brod.*
Helix Coquimbensis, *d'Orb.*
Coquimbo.
139. *BULIMUS PERUVIANUS*, *Brug., d'Orb. Voy.* v. 267. B.M.
Helix Peruviana, *Féruss.*
Bulimus Gravesii, *King.*
Bulimus corrugatus, *King.*
Chili.
140. *BULIMUS CHILENSIS*, *Lesson, d'Orb. Voy.* v. 267.
t. 29. f. 9, 10. B.M.
Achatina Chilensis, *Lesson.*
Bulinus granulatus, *Brod.*
Helix granulosa, *d'Orb.*
Chili.
141. *BULIMUS LITA*, *d'Orb. Voy.* v. 268. B.M.
Helix lita, *Féruss.*
Bulimus litturatus, *Spix.*
Brazils.

142. *BULIMUS PÆCILUS*, *d'Orb. Voy.* v. 268. t. 31.
f. 1-10. B.M.
Helix pœcila, *d'Orb.*
Bolivia.
143. *BULIMUS OREADES*, *d'Orb. Voy.* v. 270. t. 31.
f. 11, 12. B.M.
Helix Oreades, *d'Orb.*
144. *BULIMUS SPORADICUS*, *d'Orb. Voy.* v. 271. t. 32.
f. 12-15. B.M.
Helix sporadica, *d'Orb.*
Patagonia ; Bolivia.
145. *BULIMUS TENUISSIMUS*, *d'Orb. Voy.* v. 272. B.M.
Helix tenuissima, *Féruss.*
Brazils.
146. *BULIMUS HELOICUS*, *d'Orb. Voy.* v. 272. t. 30.
f. 9-11. B.M.
Helix heloica, *d'Orb.*
Bolivia.
147. *BULIMUS FOURMIERSI*, *d'Orb. Voy.* v. 273. t. 30.
f. 12-14. B.M.
Corrientes.
148. *BULIMUS FONTAINII*, *d'Orb. Voy.* v. 273. B.M.
Guayaquil.
149. *BULIMUS TURRITELLA*, *d'Orb. Voy.* v. 274. t. 33.
f. 12-14. B.M.
Helix turritella, *d'Orb.*
Bolivia.
150. *BULIMUS MONTIVAGUS*, *d'Orb. Voy.* v. 275. t. 34.
f. 1-3. B.M.
Helix montivaga, *d'Orb.*
Argentine Republic.

151. *BULIMUS CREPUNDIA*, *d'Orb. Voy.* v. 275. t. 33.
f. 18, 19. B.M.
Helix crepundia, *d'Orb.*
Bolivia.
152. *BULIMUS RIVASII*, *d'Orb. Voy.* v. 276. t. 34. f. 8-10. B.M.
Bolivia.
153. *BULIMUS TRICHODES*, *d'Orb. Voy.* v. 277. t. 33.
f. 1-5. B.M.
Helix trichodes, *d'Orb.*
Bolivia.
154. *BULIMUS ROCAYANUS*, *d'Orb. Voy.* v. 277. t. 33.
f. 6, 7. B.M.
Helix Rocayana, *d'Orb.*
Bolivia.
155. *BULIMUS MUNSTERII*, *d'Orb. Voy.* v. 278. B.M.
Helix Camba, *d'Orb. Voy.* t. 34. f. 4-7.
Bolivia.
156. *BULIMUS APODEMETES*, *d'Orb. Voy.* v. 279. t. 30.
f. 5-8. B.M.
Helix apodemetes, *d'Orb.*
Santa Fé.
157. *BULIMUS ALBUS*, *d'Orb. Voy.* v. 280. B.M.
Bulinus albus, *Brod.*
Bulimus olorinus, *Duclos.*
Chili.
158. *BULIMUS CONSPERSUS*, *d'Orb. Voy.* v. 280. B.M.
Bulinus conspersus, *Sow.*
Helix conspersa, *d'Orb.*
Lima; Peru.
159. *BULIMUS SORDIDUS*, *d'Orb. Voy.* v. 281. B.M.
Helix sordida, *Lesson.*
Bulinus striatulus, *Sow.*
Helix sordida, *d'Orb.*
Lima.

160. *BULIMUS LORENZII*, *d'Orb. Voy.* v. 281. B.M.
 Bulinus Lorenzii, *Sow.*
 Helix Lorenzii, *d'Orb.*
 Lima.
161. *BULIMUS SCALARIFORMIS*, *d'Orb. Voy.* v. 282. B.M.
 Bulinus scalariformis, *Brod.*
 Helix scalariformis, *d'Orb.*
 Lima.
162. *BULIMUS SCUTULATUS*, *d'Orb. Voy.* v. 282. B.M.
 Bulinus scutulatus, *Brod.*
 Helix scutulata, *d'Orb.*
163. *BULIMUS HENNAHI*, *Gray, d'Orb. Spic.* v. 283. B.M.
 t. 30. f. 3, 4.
 Bulinus vittatus, *Brod.*
 Helix cactorum, *d'Orb.*
 Peru.
164. *BULIMUS LIMONOICUS*, *d'Orb. Voy.* v. 284. t. 33. B.M.
 f. 15, 16.
 Helix limonoica, *d'Orb.*
 Bolivia.
165. *BULIMUS VARIANS*, *d'Orb. Voy.* v. 284. B.M.
 Bulinus varians, *Brod.*
 Helix varians, *d'Orb.*
 Bulinus tigris et *B. modestus*, *Brod.*
 Trujillo.
166. *BULIMUS TORALLYI*, *d'Orb. Voy.* v. 285. t. 32. B.M.
 t. 1-4.
 Helix Torallyi, *d'Orb.*
 Bolivia.
167. *BULIMUS MONTAGNEI*, *d'Orb. Voy.* v. 286. t. 32. B.M.
 f. 5-7.
 Bolivia.

168. *BULIMUS PAZIANUS*, *d'Orb. Voy.* v. 286. t. 32.
f. 10, 11. B.M.
Helix Paziana, *d'Orb.*
Sicasica; Yungas.
169. *BULIMUS NIVALIS*, *d'Orb. Voy.* v. 287. t. 32. f. 8, 9. B.M.
Helix nivalis, *d'Orb.*
Bolivia.
170. *BULIMUS LITHOICUS*, *d'Orb. Voy.* v. 288. t. 33.
f. 10, 11. B.M.
Helix lithoica, *d'Orb.*
Bolivia.
171. *BULIMUS CULMINEUS*, *d'Orb. Voy.* v. 288. t. 33.
f. 8, 9. B.M.
Helix culminea, *d'Orb.*
Bolivia.
172. *BULIMUS POLYMORPHUS*, *d'Orb. Voy.* v. 289. t. 41.
f. 1-5. B.M.
Helix polymorpha, *d'Orb.*
Peru.
173. *BULIMUS THAMNOICUS*, *d'Orb. Voy.* v. 290. t. 37.
f. 4-9. B.M.
Helix thamnoica, *d'Orb.*
Bolivia.
174. *BULIMUS TUPACII*, *d'Orb. Voy.* v. 292. t. 38. f. 1, 5. B.M.
Helix Tupacii, *d'Orb.*
Bolivia.
175. *BULIMUS INCA*, *d'Orb. Voy.* v. 292. t. 38. f. 6, 7. B.M.
Helix Inca, *d'Orb.*
Bolivia.
176. *BULIMUS OROBÆNUS*, *d'Orb. Voy.* v. 293.
Helix orobæna, *d'Orb.*
Bolivia.

177. *BULIMUS BREPHOIDES*, *d'Orb. Voy.* v. 294. t. 38.
f. 8, 9. B.M.
Helix brephoides, *d'Orb.*
Peru.
178. *BULIMUS TAUNAYSII*, *d'Orb. Voy.* v. 294. B.M.
Helix Taunaysii, *Féruss.*
Rio de Janeiro.
179. *BULIMUS PHASIANELLUS*, *Val., d'Orb. Voy.* v. 295. B.M.
Helix phasianella, *Féruss.*
Bulinus iostomus, *Brod.*
180. *BULIMUS ONÇA*, *d'Orb. Voy.* v. 295. t. 30. f. 1, 2. B.M.
Helix onça, *d'Orb.*
Bolivia.
181. *BULIMUS PINTADINUS*, *d'Orb. Voy.* v. 296. t. 29.
f. 11, 12.
Helix pintadina, *d'Orb.*
Bolivia.
182. *BULIMUS OBLONGUS*, *Brug., d'Orb. Voy.* v. 297.
t. 37. f. 1-3. B.M.
Helix oblonga, *Müller.*
Bulla oblonga, *Chemn.*
Bulinus hæmastomus, *Scop.*
Turbo hæmastoma, *Gmel.*
Helix ovipara, *Solander.*
Brazils.
183. *BULIMUS OVATUS*, *Brug., d'Orb. Voy.* v. 299. B.M.
Helix ovata, *Müller.*
Bulla ovata, *Chemn.*
Helix ovalis, *Gmelin.*
Brazils.
184. *BULIMUS CANTAGALLANUS*, *d'Orb. Voy.* v. 300. B.M.
Helix cantagallanus, *Rang.*
Brazils.

185. *BULIMUS KREMNOICUS*, *d'Orb. Voy.* v. 300. t. 35.
f. 1-3. B.M.
Helix Kremnoicus, *d'Orb.*
Bolivia.
186. *BULIMUS SANTA-CRUZII*, *d'Orb. Voy.* v. 302. t. 36.
f. 1, 2. B.M.
Helix Santa-Cruzii, *d'Orb.*
Bolivia.
187. *BULIMUS LACUNOSUS*, *d'Orb. Voy.* v. 302. t. 36.
f. 5, 6. B.M.
Helix lacunosa, *d'Orb.*
Bolivia.
188. *BULIMUS MATHIUSII*, *d'Orb. Voy.* v. 303. t. 36.
f. 3, 4. B.M.
Helix Mathiusii, *d'Orb.*
Peru.
189. *BULIMUS ROSACEUS*, *d'Orb. Voy.* v. 304. t. 34.
f. 11, 12. B.M.
Bulinus rosaceus, *King.*
Bulinus Chilensis, *Sow.*
Helix rosacea, *d'Orb.*
Chili.
190. *BULIMUS NUCLEUS*, *d'Orb. Voy.* v. 305. B.M.
Bulinus nucleus, *Sow.*
Helix nucleus, *d'Orb.*
Bahia Blanca.
191. *BULIMUS DERELICTUS*, *d'Orb. Voy.* v. 306. B.M.
Bulinus derelictus, *Brod.*
Helix derelicta, *d'Orb.*
Bolivia.
192. *BULIMUS PROTEUS*, *d'Orb. Voy.* v. 307. B.M.
Bulinus Proteus, *Brod.*
Bulinus versicolor, *Brod.*
Helix Proteus et H. versicolor, *d'Orb.*
Peru.

193. *BULIMUS CORA*, *d'Orb. Voy.* v. 307. t. 34. f. 14, 15. B.M.
Helix Cora, *d'Orb.*
 Peru.
194. *BULIMUS ABYSSORUM*, *d'Orb. Voy.* v. 308. t. 39. B.M.
 f. 7, 8.
Helix abyssorum, *d'Orb.*
 Bolivia.
195. *BULIMUS BOLIVARII*, *d'Orb. Voy.* v. 309. t. 39.
 f. 5, 6.
Helix Bolivarii, *d'Orb.*
 Bolivia.
196. *BULIMUS BRACHYSOMA*, *d'Orb. Voy.* v. 309. t. 39.
 f. 9, 10.
Helix brachysoma, *d'Orb.*
 Bolivia.
197. *BULIMUS MARMARINUS*, *d'Orb. Voy.* v. 310. t. 39.
 f. 11, 12. B.M.
Helix marmarina, *d'Orb.*
 Bolivia.
198. *BULIMUS HYGROHYLÆUS*, *d'Orb. Voy.* v. 311.
 t. 40. f. 3-5. B.M.
Helix hygrophylæus, *d'Orb.*
 Bolivia.
199. *BULIMUS XANTHOSTOMA*, *d'Orb. Voy.* v. 312. t. 40.
 f. 1, 2.
Helix xanthostoma, *d'Orb.*
 Bolivia.
200. *BULIMUS AURIS LEPORIS*, *Brug., d'Orb. Voy.* v.
 313. B.M.
Helix auris leporis, *Féruss.*
Auricula leporis, *Lamk.*
Stenostoma auritum, *Spix.*
 Brazils ; Bahia.

201. *BULIMUS ZOOGRAPHICUS*, *d'Orb. Voy.* v. 313.
t. 40. f. 6-8. B.M.
Helix zoographica, *d'Orb.*
Bolivia.
202. *BULIMUS LINOSTOMA*, *d'Orb. Voy.* v. 314. t. 40.
f. 9-11. B.M.
Helix linostoma, *d'Orb.*
Bolivia.
203. *BULIMUS FUSOIDES*, *d'Orb. Voy.* v. 315. t. 40.
f. 12, 13. B.M.
Helix fusoides, *d'Orb.*
Bolivia.
204. *BULIMUS YUNGASENSIS*, *d'Orb. Voy.* v. 316. t. 40.
f. 8. B.M.
Bolivia.
205. *BULIMUS LOPHOICUS*, *d'Orb. Voy.* v. 316. t. 40.
f. 14, 15. B.M.
Helix lophoica, *d'Orb.*
Bolivia.
206. *BULIMUS RHODINOSTOMA*, *d'Orb. Voy.* v. 317.
t. 41. f. 6-8. B.M.
Helix rhodinostoma, *d'Orb.*
Rio Janeiro.
207. *BULIMUS (COCHLODONTA) GUARANI*, *d'Orb. Voy.*
v. 318. t. 41 *bis*, f. 1. B.M.
Helix Guarani, *d'Orb.*
Argentine Republic.
208. *BULIMUS FUSCA GULA*, *d'Orb. Voy.* v. 318. t. 39.
f. 1, 2 (jun.). B.M.
Auricula fusca gula, *Lea.*
Brazils.
209. *BULIMUS ALVAREZII*, *d'Orb. Voy.* v. 319.
Helix Alvarezii, *d'Orb.*
Argentine Republic (dead only).

210. PUPA SPIXII, *d'Orb. Voy. v. 320. t. 41 bis, f. 11.* B.M.
Clausilia striata, Spix.
Pupa striata, Wagner.
Helix Spixii, d'Orb.
 Bolivia.
211. PUPA ELATIOR, *Spix, d'Orb. Voy. v. 320.* B.M.
Helix elatior, d'Orb.
 Brazils.
212. PUPA SOWERBIANA, *d'Orb. Voy. v. 321. t. 41 bis, f. 15, 16.* B.M.
Helix Sowerbiana, Féruss.
 Var. *Patagonica, d'Orb. Voy. v. 321. f. 17, 18.* B.M.
Helix Patagonica, d'Orb.
 La Plata. *Var. Patagonia.*
213. PUPA PAREDESII, *d'Orb, Voy. v. 322. t. 41. f. 3, 6.* B.M.
Helix Paredesii, d'Orb.
 Bolivia.
214. PUPA NODOSARIA, *d'Orb. Voy. v. 322. t. 41 bis, f. 12-14.*
Helix nodosaria, d'Orb.
 Bolivia.
215. PUPA MILIOLA, *d'Orb. Voy. v. 323.* B.M.
Helix miliola, d'Orb.
 Brazils.
216. PUPA INFUNDIBULIFORMIS, *d'Orb. Voy. v. 323. t. 41 bis, f. 7, 9.* B.M.
Helix infundibuliformis, d'Orb.
 Bolivia.

Fam. 3. AURICULÆ.

217. AURICULA STAGNALIS, *d'Orb. Voy. v. 325. t. 42. f. 7, 8.* B.M.
 Guayaquil, in marshes.

218. *AURICULA ACUTA*, *d'Orb. Voy.* v. 326. t. 42. f. 4-6. B.M.
Guayaquil.
219. *AURICULA REFLEXILABRIS*, *d'Orb. Voy.* v. 326.
t. 42. f. 1-3. B.M.
Auricula myosotis, *d'Orb.*
Lima; Peru.
220. *AURICULA (CONOVULUS) GLOBULUS*, *d'Orb. Voy.*
v. 327. B.M.
Guayaquil.

Suborder II. HYDROPHILES (PULMONES AQUATIQUES).

221. *CHILINA DOMBEIANA*, *d'Orb. Voy.* v. 333. B.M.
Bulinus Dombeyanus, *Brug.*
Conovulus bulimoides, *Lamk.*
Auricula Dombeyana, *Lamk.*
Auricula fluviatilis, *Lesson.*
Limneus Dombeyanus, *d'Orb.*
Chili.
222. *CHILINA FLUCTUOSA*, *d'Orb. Voy.* v. 334. t. 43.
f. 13-16. B.M.
Otis fluctuosa, *Humph.*
Auricula (Chilina) fluctuosa, *Gray.*
Chili.
223. *CHILINA BULLOIDES*, *d'Orb. Voy.* v. 335. t. 43.
f. 18. B.M.
Limneus bulloides, *d'Orb.*
Chiloe; Chili.
224. *CHILINA TEHUELCHA*, *d'Orb. Voy.* v. 336. t. 43.
f. 6, 7. B.M.
Patagonia.
225. *CHILINA PUELCHA*, *d'Orb. Voy.* v. 336. t. 43.
f. 8-12. B.M.
Patagonia.

226. *CHILINA FLUMINEA*, *d'Orb. Voy.* v. 337. t. 43.
f. 19, 20. B.M.
Voluta fluminea et *Vol. fluvialis*, *Maton*.
Limneus flumineus, *d'Orb*.
Patagonia.
227. *CHILINA PARCHAPPII*, *d'Orb. Voy.* v. 338. t. 43.
f. 4, 5. B.M.
Limneus Parchappii, *d'Orb*.
Argentine Republic; Arroya Salado; Southern Pampas.
This genus may be divided into three groups:—I. Inner lip thin; pillar-fold indistinct: *C. Parchappii*. II. Inner lip moderate; pillar-fold distinct: *C. Dombeiana*, *C. fluctuosa*, *C. bulboides*, *C. Tehuelcha*, *C. Puelcha*. III. Inner lip thickened; pillar with three or four large plaits: *C. fluminea*.
228. *LIMNÆUS VIATOR*, *d'Orb. Voy.* v. 340. t. 43. f. 1-3. B.M.
Patagonia.
229. *PHYSA RIVALIS*, *d'Orb. Voy.* v. 341. B.M.
Var. *major*, *Physa Peruviana*, *Gray*. B.M.
Brazils.
230. *PLANORBIS FERRUGINEUS*, *Spix, d'Orb. Voy.* v. 344. B.M.
Planorbis olivaceus, *Spix*.
Brazils.
231. *PLANORBIS PERUVIANUS*, *Brod., d'Orb. Voy.* v. 345. B.M.
Peru.
232. *PLANORBIS MONTANUS*, *d'Orb. Voy.* v. 345. t. 45. B.M.
f. 5-8.
Lake of Titicaca.
233. *PLANORBIS ANDECOLUS*, *d'Orb. Voy.* v. 346. t. 44. B.M.
f. 1-4.
Lake of Titicaca.
It is probably only a variety of *P. montanus*.
234. *PLANORBIS TENAGOPHILUS*, *d'Orb. Voy.* v. 347. B.M.
t. 44. f. 9-12.
Argentine Republic.

235. *PLANORBIS PEREGRINUS*, *d'Orb. Voy.* v. 348. t. 44.
f. 13-16. B.M.
Patagonia; Laguna de la Cruz; Bolivia; Guayaquil;
Montevideo.
236. *PLANORBIS HELOICUS*, *d'Orb. Voy.* v. 349. t. 45.
f. 9-12. B.M.
Republic of Uruguay.
237. *PLANORBIS HELOPHILUS*, *d'Orb. Voy.* v. 349.
t. 45. f. 13-16. B.M.
Peru.
238. *PLANORBIS KERMATOIDES*, *d'Orb. Voy.* v. 350.
t. 45. f. 1-4. B.M.
Peru.
239. *PLANORBIS PAROPSEIDES*, *d'Orb. Voy.* v. 350.
t. 45. f. 5-8. B.M.
Peru.
240. *PLANORBIS ANATINUS*, *d'Orb. Voy.* v. 351. t. 45.
f. 17-20. B.M.
Rio Parana.
241. *ANCYLUS CONCENTRICUS*, *d'Orb. Voy.* v. 354. t. 42.
f. 18-21. B.M.
Montevideo.
242. *ANCYLUS MORICANDI*, *d'Orb. Voy.* v. 355
Parana.
243. *ANCYLUS CULICOIDES*, *d'Orb. Voy.* v. 355. t. 42.
f. 9-12. B.M.
Guayaquil.
A. concentricus and *A. culicoides* are sinistorse, belonging to
the genus *Veletia*. *A. Gayanus* is a true *Ancylus*.
244. *ANCYLUS GAYANUS*, *d'Orb. Voy.* v. 356. t. 42.
f. 13-17. B.M.
Ancylus radiatus, *d'Orb.*
Valparaiso.

Suborder III. PULMONES OPERCULES.

245. *HELICINA FULVA*, *d'Orb. Voy.* v. 358. t. 46. f. 1-5. B.M.
Bolivia.
246. *HELICINA ORESIGENA*, *d'Orb. Voy.* v. 359. t. 46.
f. 10-16. B.M.
Bolivia.
247. *HELICINA SYLVATICA*, *d'Orb. Voy.* v. 359. t. 46.
f. 17-20. B.M.
Bolivia.
248. *HELICINA CARINATA*, *d'Orb. Voy.* v. 360. t. 46.
f. 6-9.
Bolivia.
249. *CYCLOSTOMA INCA*, *d'Orb. Voy.* v. 361. t. 46.
f. 21-23. B.M.
Bolivia; St. Cruz.
250. *CYCLOSTOMA PROMINULA*, *Féruss, d'Orb. Voy.* v.
362.
Brazils.
251. *CERATODES CORNU ARIETIS*, *d'Orb. Voy.* v. 366.
t. 48. f. 7-9. B.M.
Helix cornu arietis, *Born.*
Planorbis contrarius, *Müller.*
Planorbis cornu arietis, *Lamk.*
Ampullaria cornu arietis, *Gray.*
Ceratodes fasciata, *Guild.*
Columbia; Parana; Entre Rios.
252. *CERATODES CHIQUITENSIS*, *d'Orb. Voy.* v. 367.
t. 48. f. 10, 11. B.M.
Ceratodes cornu arietis, *d'Orb. MSS. Brit. Mus.*
Bolivia; Chiquitos.

This species is *Marisa intermedia*, Gray, Ann. Philos. lxiii. 273, 1824.

253. AMPULLARIA NERITOIDES, *d'Orb. Voy.* v. 368.
t. 49. f. 1, 2. B.M.
Rio Uruguay.
254. AMPULLARIA SCALARIS, *d'Orb. Voy.* v. 369. t. 50.
f. 1-3. B.M.
Rio Parana; Entre Rios.
Var. c. Bolivia; St. Cruz.
255. AMPULLARIA INTERMEDIA, *Féruss., d'Orb. Voy.*
v. 371. B.M.
Ampullaria sordida, *Swains.*
Brazils; Rio de Janeiro.
256. AMPULLARIA CANALICULATA, *Lamk., d'Orb. Voy.*
v. 371. t. 5. f. 4-6 & t. 49. f. 7. B.M.
Ampullaria gigas, *Spix.*
Ampullaria lineata et A. figulina, *Wagner.*
Brazils.
257. AMPULLARIA INSULARUM, *d'Orb. Voy.* v. 374.
t. 51. f. 1, 2. B.M.
Rio Uruguay.
258. AMPULLARIA AUSTRALIS, *d'Orb. Voy.* v. 375. t. 51.
f. 3, 4. B.M.
Buenos Ayres; Las Pampas.
259. AMPULLARIA SPIXII, *d'Orb. Voy.* v. 376. t. 52.
f. 7, 8. B.M.
Ampullaria zonata, *d'Orb.*
Corrientes.
- Deeply umbilicated; operculum horny; nucleus subcentral,
rather in the inner side of the middle. Nearly allied to *Ceratodes*.
260. AMPULLARIA ROISSYI, *d'Orb. Voy.* v. 377. t. 52.
f. 1-3. B.M.
Ampullaria crassa, *d'Orb.*
Corrientes.

261. AMPULLARIA ELEGANS, *d'Orb. Voy.* v. 378. t. 52.
f. 46.

B.M.

Ampullaria peristomata, *d'Orb.*

Bolivia; Parana; Entre Rios.

A. elegans and *A. Roissyi* are nearly allied to *A. Spixii*, but differ only in being perforated; but the size of the perforation varies greatly in the specimens of these species, and the three pass very gradually into each other; they differ from the other South American species of the genus in being thicker and more strongly banded, with a thinner periostraca.

262. AMPULLOIDEA PLATÆ, *d'Orb. Voy.* v. 379. t. 49.
f. 3-6.

B.M.

Helix Platæ, *Maton.*

Ampulloidea naticoides, *d'Orb.*

Asolene Platæ, *d'Orb.*

Buenos Ayres.

The *Ampullariadæ* with horny opercula, as *Ceratodes* and *Pomus* and *Lanistes*, have an elongated siphon, while those which have a shelly operculum, as *Ampullaria* and *Ampulloidea*, are without any appearance of that organ; this is also the case in the Indian species. See Mrs. Gray's "Figures of Mollusca," for the animals of this family.

Order V. PECTINIBRANCHIA.

Fam. 3. LITTORINIDÆ.

263. PALUDESTRINA PERISTOMATA, *d'Orb. Voy.* v. 382.
t. 47. f. 1-3.

B.M.

Paludina peristomata, *d'Orb.*

Parana; Corrientes.

264. PALUDESTRINA LAPIDUM, *d'Orb. Voy.* v. 382.
t. 47. f. 4-9.

B.M.

Paludina lapidum, *d'Orb.*

Parana.

P. peristomata, *P. lapidum* and *P. Petitiana* are very nearly allied, if not the same species, and are distinguished from the other species of the genus by their short conic shape and dark green periostraca and oblique aperture.

265. *PALUDESTRINA PISCIMUM*, *d'Orb. Voy.* v. 383. t. 47.
f. 17-21. B.M.
Paludina piscium, *d'Orb.*
La Plata.
266. *PALUDESTRINA PARCHAPPII*, *d'Orb. Voy.* v. 383.
t. 48. f. 1-3. B.M.
Paludina Parchappii, *d'Orb.*
Buenos Ayres.
267. *PALUDESTRINA AUSTRALIS*, *d'Orb. Voy.* v. 384.
t. 48. f. 4-6. B.M.
Paludina australis, *d'Orb.*
Patagonia.
268. *PALUDESTRINA CHARRUANA*, *d'Orb. Voy.* v. 384.
t. 75. f. 1-2. B.M.
Montevideo.
269. *PALUDESTRINA ISABELLEANA*, *d'Orb. Voy.* v. 385.
t. 75. f. 4-6. B.M.
Montevideo.
270. *PALUDESTRINA CUMINGII*, *d'Orb. Voy.* v. 385.
t. 47. f. 14-16. B.M.
Paludina Cumingii, *d'Orb.*
Callao; Chili.
271. *PALUDESTRINA ANDECOLA*, *d'Orb. Voy.* v. 385.
t. 47. f. 13. B.M.
Paludina andecola, *d'Orb.*
Lake of Titicaca.
272. *PALUDESTRINA CULMINEA*, *d'Orb. Voy.* v. 386.
t. 47. f. 17, 21. B.M.
Lake of Titicaca.
273. *PALUDESTRINA STRIATA*, *d'Orb. Voy.* v. 386. t. 75.
f. 7-9. B.M.
Patagonia; Falkland Islands.

274. *PALUDESTRINA SEMISTRIATA*, *d'Orb. Voy.* v. 386. t. 75. f. 10-12. B.M.
Patagonia; Falkland Islands.
275. *PALUDESTRINA FUSCA*, *d'Orb. Voy.* v. 387. t. 75. f. 13-15. B.M.
Arica; Peru.
276. *PALUDESTRINA NIGRA*, *d'Orb. Voy.* v. 387. t. 75. f. 16-18. B.M.
Arica; Peru.
277. *PALUDESTRINA PETITIANA*, *d'Orb. Voy.* v. 387. t. 75. f. 19-21. B.M.
Parana.
Allied to *P. peristomata*.
278. *TURRITELLA CINGULATA*, *Sow., d'Orb. Voy.* v. 388. B.M.
Turritella tricarinata, *King*.
Chili.
279. *TURRITELLA BRODERIPIANA*, *d'Orb. Voy.* v. 388. B.M.
Turritella Californica, *Brod. (?)* ? young.
Peru; Payta.
280. *SCALARIA ELEGANS*, *d'Orb. Voy.* v. 389. t. 54. f. 1, 2, 3. B.M.
Patagonia.
281. *SCALARIA TENUISTRIATA*, *d'Orb. Voy.* v. 390. t. 54. f. 4-6. B.M.
Bahia Blanca.
282. *SCALARIA BREVIS*, *d'Orb. Voy.* v. 390. t. 75. f. 22-24. B.M.
Falkland Islands.
283. *LITTORINA FLAVA*, *Brod., d'Orb. Voy.* v. 391. t. 53. f. 1-3. B.M.
Rio Janeiro.

284. *LITTORINA COLUMELLARIS*, *d'Orb. Voy.* v. 392. B.M.
Pernambuco.
L. columellaris appears to be a variety of *L. flava*.
285. *LITTORINA LINEOLATA*, *d'Orb. Voy.* v. 392. B.M.
Trochus zigzag, *Chemn.*
Rio Janeiro.
286. *LITTORINA PERUVIANA*, *d'Orb. Voy.* v. 393. t. 53. B.M.
f. 5, 6, 7.
Phasianella Peruviana, *Lamk.*
Turbo zebra, *Gray.*
Chili; Peru.
287. *LITTORINA ARAUCANA*, *d'Orb. Voy.* v. 393. t. 53. B.M.
f. 8, 9, 10.
Chili.
288. *LITTORINA UMBILICATA*, *d'Orb. Voy.* v. 394. t. 76. B.M.
f. 1-3.
Peru; Bolivia.
289. *RISSOINA INCA*, *d'Orb. Voy.* v. 395. t. 53. f. 11-16. B.M.
Peru; Bolivia.

Fam. 4. PYRAMIDELLIDÆ.

290. *CHEMNITZIA TURRIS*, *d'Orb. Voy.* v. 396. B.M.
Rio Janeiro.
291. *CHEMNITZIA AMERICANA*, *d'Orb. Voy.* v. 397. B.M.
t. 53. f. 17-19.
Patagonia.
292. *CHEMNITZIA FASCIATA*, *d'Orb. Voy.* v. 397. t. 76. B.M.
f. 4-6.
Brazils.
293. *CHEMNITZIA DUBIA*, *d'Orb. Voy.* v. 398.
Brazils.

294. CHEMNITZIA CORA, *d'Orb. Voy.* v. 398. t. 76.
f. 7-9. B.M.
Peru.
295. TORNATELLA VENUSTA, *d'Orb. Voy.* v. 399. t. 56.
f. 4-6. B.M.
Peru.

Fam. 5. NATICIDÆ.

296. NATICA CANRENA, *Lamk., d'Orb. Voy.* v. 400. B.M.
Nerita canrena, Linn.
Brazils.
297. NATICA UBER, *Valenc., d'Orb. Voy.* v. 401. t. 55.
f. 12-14. B.M.
Peru ; Callao.
Operculum horny.
298. NATICA CORA, *d'Orb. Voy.* v. 401. t. 76. f. 10, 11. B.M.
Peru ; Callao.
Operculum horny.
299. NATICA LIMBATA, *d'Orb. Voy.* v. 402. t. 57. f. 7-9. B.M.
Patagonia.
Operculum horny, with a very thin smooth shelly outer layer.
300. NATICA ISABELLEANA, *d'Orb. Voy.* v. 402. t. 76.
f. 12, 13. B.M.
Maldonado.
Very like *N. limbata*, but with the spire rather more produced,
and suture deeper ; operculum wanting.
301. NATICA GLAUCA, *Valenc., d'Orb. Voy.* v. 403. B.M.
Natica patula, Sow.
Peru ; Payta.
Operculum horny.

302. *SIGARETUS CYMBA*, *Menke, d'Orb. Voy.* v. 404.
t. 57. f. 3-6. B.M.

Sigaretus concavus, *Sow.*

Peru.

Fam. 6. NERITIDÆ.

303. *NERITINA MELEAGRIS*, *Lamk., d'Orb. Voy.* v. 405.
t. 56. f. 1-3. B.M.

Brazils.

304. *NERITINA VIRGINEA*, *Lamk., d'Orb. Voy.* v. 406. B.M.

Nerita virginea, *Linn.*

Brazils.

305. *NERITINA FONTAINEANA*, *d'Orb. Voy.* v. 406.
t. 76. f. 14, 15. B.M.

Rio de Guayaquil.

Fam. 7. TROCHIDÆ.

306. *TROCHUS ARTICULATUS*, *Gray, d'Orb. Voy.* v. 407. B.M.

Brazils.

307. *TROCHUS PATAGONICUS*, *d'Orb. Voy.* v. 408. t. 55.
f. 1-4. B.M.

Patagonia.

308. *TROCHUS QUADRICOSTATUS*, *Gray, d'Orb. Voy.* v. 408. B.M.

Chili.

309. *TROCHUS ATER*, *Lesson, d'Orb. Voy.* v. 409. B.M.

Chili.

310. *TROCHUS LUCTUOSUS*, *d'Orb. Voy.* v. 409. t. 76.
f. 16-19. B.M.

Peru ; Chili.

T. luctuosus is only an umbilicated variety of *T. ater*. It is often strongly keeled.

311. *TROCHUS MICROSTOMUS*, *d'Orb. Voy.* v. 410. t. 76.
f. 20, 21. B.M.
Chili.
312. *TROCHUS ARAUCANUS*, *d'Orb. Voy.* v. 410. t. 55.
f. 5-8. B.M.
Chili.
313. *TROCHUS MALOUINUS*, *d'Orb. Voy.* v. 411. B.M.
Falkland Islands.
A species of *Margarita*.
314. *DELPHINULA CANCELLANA*, *Gray, d'Orb. Voy.* v. 411. B.M.
Arica.
315. *TURBO NIGER*, *Gray, d'Orb. Voy.* v. 411. t. 55.
f. 9-11. B.M.
Chili.

Fam. 8. IANTHINIDÆ.

316. *IANTHINA FRAGILIS*, *Lamk., d'Orb. Voy.* v. 413.
t. 61. f. 8-10. B.M.
Helix Ianthina, *Linn.*
Trochus Ianthina, *Chemn.*
Ianthina peniccephala, *Peron.*
Ianthina communis, *Lamk.*
Ianthina bicolor, *Costa.*
Atlantic Ocean.
317. *IANTHINA PROLONGATA*, *Blainv., d'Orb. Voy.* v. 414. B.M.
Ianthina globosa, *Swainson.*
Ianthina communis, *Costa.*
Ianthina nitens, *Menke.*
Atlantic Ocean.

These shells are almost always found in company with each other : can they be different sexes of the same species ?

318. *IANTHINA EXIGUA*, *Lamk.*, *d'Orb. Voy.* v. 414. B.M.
Atlantic Ocean.
319. *IANTHINA UMBILICATA*, *d'Orb. Voy.* v. 414. B.M.
Atlantic Ocean.

Fam. 9. CYPREADÆ.

320. *CYPRÆA NIGRO-PUNCTATA*, *Gray*, *d'Orb. Voy.* v. 415. B.M.
Payta.
321. *MARGINELLA BULLATA*, *Lamk.*, *d'Orb. Voy.* v. 415. B.M.
Voluta bullata, *Born.*
Voluta ovum, *Gmelin.*
Marginella Belangeri, *Kiener.*
Brazils ; Bahia.
322. *MARGINELLA CURTA*, *Sow.*, *d'Orb. Voy.* v. 416. B.M.
Peru ; Payta.

Fam. 10. OLIVIDÆ.

323. *OLIVINA PUELCHANA*, *d'Orb. Voy.* v. 418. t. 9. B.M.
f. 13-19.
Oliva Puelchana, *Duclos.*
Patagonia.
324. *OLIVINA TEHUELCHANA*, *d'Orb. Voy.* v. 418. t. 59. B.M.
f. 7-12.
Oliva Tehuelchana, *Duclos.*
Patagonia.
325. *OLIVINA COLUMELLARIS*, *d'Orb. Voy.* v. 419. B.M.
Oliva columellaris, *Sow.*
Peru ; Payta.
Operculum horny, thin.

326. OLIVA PERUVIANA, *Lamk.*, *d'Orb. Voy.* v. 419. B.M.
Peru ; Arica.
327. OLIVANCILLARIA BRASILIENSIS, *d'Orb. Voy.* v. 420. B.M.
Oliva Brasiliensis, *Chemn.*
Brazils.
328. OLIVANCILLARIA AURICULARIA, *d'Orb. Voy.* v. 421. t. 59. f. 20-22. B.M.
Oliva auricularia, *Lamk.*
Patagonia.
 β . Shell very short, broad.

Fam. 11. STROMBIDÆ.

329. STROMBUS PUGILIS, *Linn.*, *d'Orb. Voy.* v. 421. B.M.
Brazils.

Fam. 12. VOLUTIDÆ.

330. VOLUTELLA ANGULATA, *d'Orb. Voy.* v. 423. t. 60. f. 1-3. B.M.
Voluta angulata, *Swains.*
Patagonia.
The subangulation sometimes very indistinct.
331. VOLUTA BRASILIANA, *Solander*, *d'Orb. Voy.* v. 424. t. 6. f. 4-6. B.M.
Voluta Colocynthis, *Chemn.*
Patagonia.
332. VOLUTA MAGELLANICA, *Chemn.*, *d'Orb. Voy.* v. 425. B.M.
Patagonia.
333. VOLUTA ANCILLA, *Solander*, *d'Orb. Voy.* v. 425. B.M.
Voluta Magellanica et V. spectabilis, *Gmelin.*
Voluta gracilis, *Wood.*
Patagonia ; Maghellan Straits.

334. *VOLUTA FESTIVA*, Lamk., *d'Orb. Voy.* v. 426. B.M.
 Patagonia to Maghellan Straits.
 This is *Voluia Beckii*, Brod.

335. *VOLUTA TUBERCULATA*, Gray, *d'Orb. Voy.* v. 426. B.M.
 Patagonia to Maghellan Straits.

Voluia Magellarica, *V. festica* and *V. tuberculata* appear to be varieties of the same species, differing in the nodulosity of the whorls and the length of the spire. They differ from *V. ancilla* in being shorter and more ventricose and of a thicker consistence. The younger specimens of *V. ancilla* are generally rather thin, but sometimes the older ones are very heavy and solid. *V. Beckii*, Broderip, is only a large specimen of *V. festica* of d'Orbigny: there is a specimen of the same size in the collection from Patagonia. This species is nearly as large as *V. magnifica*, and like it an inhabitant of the colder regions.

336. *MITRA MAURA*, Erol., *d'Orb. Voy.* v. 427. t. 6.
 f. 9, 10. B.M.
 Arica.

337. *MITRA INCA*, *d'Orb. Voy.* v. 427. t. 77. f. 1. B.M.
 Peru; Payta.

338. *CANCELLARIA TUBERCULOSA*, Sow., *d'Orb. Voy.*
 v. 427. t. 60. f. 11. B.M.
 Peru.

339. *CANCELLARIA CASSIDIFORMIS*, Sow., *d'Orb. Voy.*
 v. 428. B.M.
 Peru; Payta.

340. *CANCELLARIA BUCCINOIDES*, Sow., *d'Orb. Voy.*
 v. 428. B.M.
 Callao.

341. *CANCELLARIA CHRYSOSTOMA*, Sow., *d'Orb. Voy.*
 v. 425. B.M.
 Peru; Payta.

Fam. 13. BUCCINIDÆ.

342. *COLUMBELLA STROMBIFORMIS*, *Lamk., d'Orb. Voy.* v. 429.
Peru; Payta.
343. *COLUMBELLA PAYTANSIS*, *Lesson, d'Orb. Voy.* v. 429. B.M.
Columbella spurca, *Sow.*
Peru; Payta.
Periostraca thick, lamellar, velvety.
344. *COLUMBELLA MELEAGRIS*, *Duclos, d'Orb. Voy.* v. 430. B.M.
Peru; Payta.
Periostraca thin, smooth, shining.
345. *COLUMBELLA LANCEOLATA*, *Sow., d'Orb. Voy.* v. 430. B.M.
Peru; Payta.
346. *COLUMBELLA GIBBOSULA*, *Brod., d'Orb. Voy.* v. 430. B.M.
Peru; Payta.
347. *COLUMBELLA SORDIDA*, *d'Orb. Voy.* v. 430. t. 77. f. 2-4. B.M.
Peru; Arica and Callao.
348. *COLUMBELLA SERTULARIARUM*, *d'Orb. Voy.* v. 431. t. 61. f. 13-17. B.M.
Patagonia; San Blas.
349. *NASSA DENTIFERA*, *d'Orb. Voy.* v. 432. t. 61. f. 22, 23. B.M.
Buccinum dentiferum, *Powis.*
Peru.
350. *NASSA GAYI*, *d'Orb. Voy.* v. 432. B.M.
Buccinum Gayi, *Kiener.*
Chili; Valparaiso.

351. *NASSA POLYGONA*, *d'Orb. Voy.* v. 433. B.M.
Buccinum polygonum, *Lamk.*
 Brazils.

352. *NASSA ISABELLEI*, *d'Orb. Voy.* v. 433. t. 61. B.M.
 f. 18-21.
 Patagonia.

353. *NASSA FONTAINEI*, *d'Orb. Voy.* v. 433. t. 77. B.M.
 f. 5, 6.
 Peru ; Payta.

- 353*. *NASSA FONTAINEI*, part., *d'Orb. MSS.* B.M.
 Peru ; Payta.

- 353**. *NASSA* —, n. s. B.M.
 Peru ; Callao.

These are most distinct species : there is a specimen of each.

354. *BUCCINANOPS COCHLIDIUM*, *d'Orb. Voy.* v. 434. B.M.
 t. 61. f. 25.

Var. 1. Without any band on the suture. B.M.
Buccinum Lamarckii, *Kiener.*
 South Patagonia.

Var. 2. With a smooth band or suture. B.M.
 North Patagonia.

Var. 3. With tubercular band or suture. B.M.
 Patagonia.

These varieties are very distinct species. Operculum subtriangular, ovate ; apex rounded ; the nucleus rather large, broad at the front part of the curved outer edge.

355. *BUCCINANOPS GLOBULOSUM*, *d'Orb. Voy.* v. 435. B.M.
 t. 61. f. 24.

Buccinum globulosum, *Kiener.*

Patagonia ; Mouth of Rio Negro.

Opercula exactly like former.

356. PURPURA HÆMASTOMA, *Lamk.*, *d'Orb. Voy.* v. 435. B.M.
Buccinum hæmastoma, *Linn.*
 Brazils.
357. PURPURA CHOCOLATA, *Blainv.*, *d'Orb. Voy.* v. 436. t. 61. f. 1-3. B.M.
 Peru; Bolivia.
 Young shell white, very unlike the adult.
358. PURPURA XANTHOSTOMA, *Brod.*, *d'Orb. Voy.* v. 437. B.M.
 Chili.
 This is a species of *Rapana*, and exceedingly variable in thickness and form.
359. PURPURA SCALARIFORMIS, *Lamk.*, *d'Orb. Voy.* v. 437. B.M.
 Guayaquil.
360. PURPURA CONCHOLEPAS, *d'Orb. Voy.* v. 437. t. 61. f. 5-7. B.M.
Concholepas, *Chemn.*
Buccinum concholepas, *Gmelin.*
Patella lepas, *Gmelin.*
Concholepas Peruvianus, *Lamk.*
Purpura pileopsis, *Blainv.*
 Peru.
361. PURPURA CASSIDIFORMIS, *Blainv.*, *d'Orb. Voy.* v. 438. B.M.
 Peru; Payta.
362. PURPURA CALLAOENSIS, *Gray* (??), *d'Orb. Voy.* v. 439. B.M.
 Peru; Callao.
363. PURPURA DELESSERTIANA, *d'Orb. Voy.* v. 439. t. 77. f. 7. B.M.
 Peru; Payta.

364. PURPURA UNDATA, *Lamk., d'Orb. Voy.* v. 439. B.M.
Purpura bicarinata, Kiener.
 Brazils.
365. PURPURA BICOSTALIS, *Lamk., d'Orb. Voy.* v. 439. B.M.
 Brazils.
366. PURPURA JANELLI, *Kiener, d'Orb. Voy.* v. 440. B.M.
 Peru; Payta.
 A species of *Pusio*.
367. PURPURA FASCIOLARIS, *Lamk., d'Orb. Voy.* v. 440. B.M.
 Peru; Payta.
 A species of *Pusio*.
368. MONOCEROS GIGANTEUM, *Lesson, d'Orb. Voy.* v. 440. t. 77. f. 8. B.M.
Monoceros fusoides, King.
 Chili; Concepcion.
369. MONOCEROS CRASSILABRUM, *Lamk., d'Orb. Voy.* v. 441. t. 61. f. 4. B.M.
Buccinum unicolor, Brug.
Monoceros citrinum et M. acuminatum, Sow.
 Coquimbo.
370. MONOCEROS BREVIDENTATUM, *Gray, d'Orb. Voy.* v. 441.
Purpura cornigera, Blainv.
 Peru; Payta.
371. MONOCEROS GLABRATUM, *Lamk., d'Orb. Voy.* v. 442. B.M.
 Maghellan Straits; Port Famine.
372. TEREBRA PATAGONICA, *d'Orb. Voy.* v. 442. t. 62. f. 1. B.M.
 Patagonia; Bahía Blanca.

373. *CERITHIUM VARICOSUM*, *Sow., d'Orb. Voy.* v. 443. B.M.
Guayaquil.

Operculum circular, many-whorled.

374. *CERITHIUM MONTAGNEI*, *d'Orb. Voy.* v. 443. t. 63.
f. 3, 4. B.M.

Guayaquil.

Only a variety of *C. varicosum* without varices.

375. *CERITHIUM PERUVIANUM*, *d'Orb. Voy.* v. 443.
t. 77. f. 9, 10. B.M.

Peru ; Arica.

376. *CERITHIUM GUARANIANUM*, *d'Orb. Voy.* v. 443.
t. 77. f. 11, 12. B.M.

Brazils.

377. *CERITHIUM ATRATUM*, *Brug., d'Orb. Voy.* v. 444. B.M.

Murex atratus, *Born.*

Brazils ; Rio de Janeiro.

Fam. 14. CASSIDÆ.

378. *CASSIS GRANULOSA*, *Lamk., d'Orb. Voy.* v. 444.

Cassidea granulosa, *Brug.*

Brazils ; Rio de Janeiro.

379. *CASSIS TESTICULUS*, *Lamk., d'Orb. Voy.* v. 445.

Buccinum testiculus, *Linn.*

Cassidea testiculus, *Brug.*

Brazils.

Fam. 15. MURICIDÆ.

380. *PLEUROTOMA GUARANI*, *d'Orb. Voy.* v. 445. t. 77.
f. 13, 14.

Brazils.

381. *PLEUROTOMA PATAGONICA*, *d'Orb. Voy.* v. 446.
t. 77. f. 15, 16.

Patagonia.

382. *FUSUS MULTICARINATUS*, *Lamk.*, *d'Orb. Voy.* v. 446. B.M.
 Brazils.
- 382*. *FUSUS* —, n. s.? *d'Orb. MSS.*
 Brazils; Rio Janeiro.
 Operculum ovate, acute.
383. *FUSUS MORIO*, *Lamk.*, *d'Orb. Voy.* v. 447. B.M.
Murex morio, *Linn.*
Fusus coronatus, *Lamk.*
 Brazils.
384. *FUSUS FONTAINELI*, *d'Orb. Voy.* v. 447. t. 63. f. 2. B.M.
 Var. β . minor, *d'Orb.*
Purpura Ungaricoides, *d'Orb. MSS.*
 Peru; Cobyra. β . Peru; Callao; Payta.
385. *FUSUS PURPUROIDES*, *d'Orb. Voy.* v. 448. t. 65. f. 1. B.M.
Purpura fusoides, *Blainv.*
 Peru.
 Operculum ovate, curved; apex rounded; nucleus apical.
386. *FASCIOLARIA TRAPEZIUM*, *Lamk.*, *d'Orb. Voy.* v. 448. B.M.
Murex trapezium, *Linn.*
 Brazils.
387. *TURBINELLA BRASILIANA*, *d'Orb. Voy.* v. 449. t. 77. f. 17. B.M.
 Brazils.
388. *TRITON PILEARE*, *d'Orb. Voy.* v. 449. B.M.
Murex pileare, *Linn.*
Triton succinctum, *Lamk.*
 Brazils.

389. TRITON SCABER, *Brod.*, *d'Orb. Voy.* v. 450. t. 62.
f. 13. B.M.

Peru.

A very variable species. The periostraca largely hirsute, sometimes only velvet-like.

390. RANELLA VENTRICOSA, *Brod.*, *d'Orb. Voy.* v. 451.
t. 62. f. 11, 12. B.M.

Peru.

Eggs (marked "*Ranella inflata*, *Brod.*") small, crowded.

391. RANELLA KINGII, *d'Orb. Voy.* v. 451. B.M.
Triton ranelliformis, *King*.
Chili.

Operculum oblong, rounded at each end, with the nucleus on the front of the outer margin.

392. MUREX MAGELLANICUS, *Gmelin*, *d'Orb. Voy.* v. 451. B.M.
Patagonia; Maghellan Straits.

393. MUREX PATAGONICUS, *d'Orb. Voy.* v. 452. t. 62.
f. 2, 3. B.M.
Patagonia.

394. MUREX VARIANS, *d'Orb. Voy.* v. 452. t. 62. f. 4-7. B.M.
Patagonia.

Murex Magellanicus, *M. Patagonicus* and *M. varians* are varieties of a most variable species. The lamellæ are sometimes very close, regular, crowded (*M. Magellanica*); at others few and far apart, giving an angular shape to the body whorl (*M. Patagonica*); often completely wanting, the shell being only slightly spirally striated (*M. varians*). They clearly pass into each other, and vary greatly in the thickness of the shell: those that are closely lamellar are generally thin and brittle; the older ones, without lamellæ, are thick and solid, as in our *Purpura lapillus*, showing that the absence of the lamellæ and thickness of the shell depend on the locality.

These shells also vary in the size of the cavity on the front of the axis.

395. MUREX ASPERRIMUS, *Lamk., d'Orb. Voy.* v. 452. B.M.
Murex pomum, Gmelin.
 Brazils.
396. MUREX SIRAT, *d'Orb. Voy.* v. 453. B.M.
Purpura Sirat, Adanson.
 Brazils.
397. MUREX LABIOSUS, *Gray, d'Orb. Voy.* v. 453. t. 62.
 f. 8-10. B.M.
 Chili.
 A species of *Rapana*. Operculum like *Purpura xanthostoma*.
Murex salebrosus and *miliaris* also belong to that genus, as they
 have an operculum like *Purpura*.
398. MUREX BUXEUS, *Brod., d'Orb. Voy.* v. 453. B.M.
 Peru.
399. MUREX HORRIDUS, *Brod., d'Orb. Voy.* v. 454. B.M.
 Peru.
400. MUREX ERYTHROSTOMUS, *Swainson, d'Orb. Voy.*
 v. 454.
 Peru ; Payta.
401. MUREX MICROPHILUS, *Lamk., d'Orb. Voy.* v. 454. B.M.
 Brazils ; Bahia.
402. MUREX MONOCEROS, *d'Orb. Voy.* v. 454. t. 78.
 f. 1, 2. B.M.
 Peru ; Payta.
403. MUREX SQUAMOSUS, *Brod., d'Orb. Voy.* v. 455.
 Peru ; Payta.
404. MUREX INCA, *d'Orb. Voy.* v. 455. t. 78. f. 3. B.M.
 Callao.
 Operculum ovate, acute ; nucleus apical.

Fam. 16. VERMETIDÆ.

405. VERMETUS VARIANS, *d'Orb. Voy.* v. 456. t. 54.
f. 7-10. B.M.
Brazils.
Operculum orbicular, thin; nucleus central.

Fam. 17. CREPIDULIDÆ.

406. PILEOPSIS UNGARICOIDES, *d'Orb. Voy.* v. 457.
t. 78. f. 4. B.M.
Peru; Payta.
407. CALYPTRÆA (CALYPEOPSIS) QUIRIQUINA, *d'Orb. Voy.* v. 459. B.M.
Calyptræa quiriquina, Lesson.
Chili; Concepcion.
408. CALYPTRÆA (CALYPEOPSIS) RUGOSA, *d'Orb. Voy.* v. 459. B.M.
Calyptræa rugosa et C. umbrella, Desh.
Calyptræa rudis, C. lignaria et C. tenuis, Brod.
Chili.
409. CALYPTRÆA (CALYPEOPSIS) IMBRICATA, *d'Orb. Voy.* v. 460. B.M.
Calyptræa imbricata, Sow.
Calyptræa rugosa, Brod.
Peru; Payta.
410. CALYPTRÆA (CALYPEOPSIS) AURICULATA, *d'Orb. Voy.* v. 461. B.M.
Patella auriculata, Chemn.
Calyptræa spinosa, Wood, Brod.
Calyptræa tubifera, Lesson.
Dispolia tubifera, Say.
Peru; Payta.

Calyptræa quiriquina, C. rugosa, C. lignaria and C. imbricata are varieties of the same species, differing in the smoothness or costation of the outer surface; some specimens which are costate when young become smooth as they increase in size and vice

versá, and differ in shape according to the form of the body to which they happen to be attached. It is doubtful if *C. auriculata* is distinct from them; it is probably only a variety living in more sheltered places, where the mantle is furnished with elongated bands forming tubular sheaths on the outer surface of the shell. In all the species the *cup* in the younger specimens is attached by a considerable portion of its outer surface to the disc of the shell; in the older ones, the lower part of it is only attached to the shell by a single point.

411. CALYPTRÆA (TROCHATELLA) TROCHIFORMIS, B.M.
d'Orb. Voy. v. 461. t. 59. f. 3.
Lepas intus-concamerata, Martini.
Patella trochiformis, Chemn.
Patella trochoides, Dillw.
Trochus radians, Lamk.
Calyptræa Araucana, Lesson.
 Chili and Peru.
412. CALYPTRÆA (TROCHATELLA) MAMILLARIS, *d'Orb.* B.M.
Voy. v. 462.
Calyptræa mamillaris et C. lorica, Brod.
 Peru; Payta to Guayaquil.
413. CALYPTRÆA (TROCHATELLA) INTERMEDIA, B.M.
d'Orb. Voy. v. 463. t. 59. f. 4-6.
 Peru.
414. CALYPTRÆA (TROCHATELLA) PILEOLUS, *d'Orb.* B.M.
Voy. v. 463. t. 78. f. 5, 6.
 Southern Patagonia; Falkland Islands.
415. CREPIDULA ACULEATA, *Lamk., d'Orb. Voy. v. 464.* B.M.
t. 58. f. 4, 5.
Patella aculeata, Gmelin.
 Brazils; Patagonia.
416. CREPIDULA PATAGONICA, *d'Orb. Voy. v. 464.* B.M.
t. 58. f. 1-3.
 Patagonia.
417. CREPIDULA PROTEA, *d'Orb. Voy. v. 465.* B.M.
 East coast of America; Patagonia; Brazils.

418. CREPIDULA DILATATA, *Lamk., d'Orb. Voy.* v. 465.
t. 58. f. 6. B.M.

Crepidula Peruviana, *C. depressa* et *C. patula*, *Desh.*

Crepidula Adolphei et *C. nautiloides*, *Lesson.*

Crepidula dilatata, *C. pallida*, *C. strigata*, et *C. unguiformis*, *Brod.*

S. America.

C. Patagonica, *C. arcuata* and *C. protea* are only varieties of *C. dilatata*, caused by the form of the substance to which they are attached. They are often parasitic on each other. It may be doubtful if the Patagonian specimens of *C. aculeata* are not also varieties of this species, and distinct from those found in Rio de Janeiro, *C. foliacea* being apparently intermediate between *C. dilatata* and the specimen of *C. aculeata* from Peru. Indeed the species of these Mollusca require other characters to distinguish them, besides the general form of the shell and the structure of its surface: each species presents the same variety, according to the locality and form of the surface to which it has been attached; and these forms from different localities have been considered the same species, instead of varieties of some peculiar local species; hence *C. fornicata*, *C. aculeata* and *C. unguis* have been said to be found in many parts of the world, which is inconsistent with our knowledge as regards other Mollusca, but may be the case with these, as they sometimes attach themselves to ships, floating wood, &c., and may be thus carried from one part of the world to the other, and hence obtain a larger geographic distribution than other Mollusca.

The outline of the front edge of the inner lip appears to be changed, as well as the outer form of the shell, by the form of the substance to which the animal is attached; thus in the *unguiform* varieties of *C. dilatata* the front edge of the inner lip is straight, while in most other varieties it is produced, rounded, with a deep sinus on the left side.

419. CREPIDULA FOLIACEA, *Brod., d'Orb. Voy.* v. 468. B.M.
Bolivia.

420. CREPIDULA ARCUATA, *Brod., d'Orb. Voy.* v. 468. B.M.
Peru; Payta.

421. CREPIDULA INCURVA, *Brod., d'Orb. Voy.* v. 468.
Peru; Payta.

Fam. 18. SIPHONARIDÆ.

422. SIPHONARIA LESSONII, *Blainv., d'Orb. Voy. v.*
469. t. 56. f. 12-14. B.M.
Siphonaria læviuscula, Sow.
Patagonia ; Maldonado ; Peru ; Callao ; Chili ; Valparaiso.
423. SIPHONARIA PICTA, *d'Orb. Voy. v.* 469. t. 56.
f. 7-11. B.M.
Brazils ; Rio de Janeiro.
424. SIPHONARIA PERUVIANA, *d'Orb. Voy. v.* 470.
Meuretia Peruviana, Sow.
Cobija.
Not a *Siphonaria*, but a *Gadinia* (Gray, Ann. Phil. 1824).

Fam. 19. HALIOTIDÆ.

425. SCISSURELLA CONICA, *d'Orb. Voy. v.* 470. t. 78.
f. 7-9.
Falkland Islands.

Fam. 20. FISSURELLIDÆ.

426. RIMULA CONICA, *d'Orb. Voy. v.* 471. t. 78. f. 10, 11. B.M.
Falkland Islands.

This is a *Puncturella*, not a true *Rimula*, having a subapical internal canal.

427. FISSURELLA PICTA, *Lamk., d'Orb. Voy. v.* 472. B.M.
Patella picta, Gmelin.
Fissurella oriens, Sow.
Chili ; Valparaiso.
428. FISSURELLA CRASSA, *Lamk., d'Orb. Voy. v.* 472. B.M.
Fissurella crassa et F. clypeiformis, Sow.
Chili.
429. FISSURELLA NIGRA, *Lesson, d'Orb. Voy. v.* 473. B.M.
Fissurella violacea, Eschsch.
Fissurella grandis, Sow.
Chili.

430. *FISSURELLA RADIOSA*, Lesson, *d'Orb. Voy.* v. 478. B.M.
Patagonia; Falkland Islands.
431. *FISSURELLA MICROTREMA*, Sow., *d'Orb. Voy.* v. 473. B.M.
Peru; Bolivia.
432. *FISSURELLA PERUVIANA*, Lamk., *d'Orb. Voy.* v. 474. B.M.
Fissurella affinis, Gray.
Fissurella subrotunda, Desh.
Peru; Bolivia.
433. *FISSURELLA LIMBATA*, Sow., *d'Orb. Voy.* v. 474. B.M.
Chili.
434. *FISSURELLA COSTATA*, Lesson, *d'Orb. Voy.* v. 474. B.M.
Fissurella rudis, Desh.
Fissurella Chilensis et latemarginata?, Sow.
Chili.
435. *FISSURELLA MAXIMA*, Sow., *d'Orb. Voy.* v. 475.
t. 64. f. 4-7. B.M.
Chili.
- There is a curious specimen in the collection marked *F. maxima*, from Valparaiso, with the apical aperture absent, so that the vent must have opened over the back of the neck, as in *Parmophorus* and *Emarginula*. The front edge of the shell is broken, but there is no appearance of there having been any frontal notch as in *Emarginula*, or the truncation of *Parmophorus*.
436. *FISSURELLA PATAGONICA*, *d'Orb. Voy.* v. 476.
t. 64. f. 13. B.M.
Brazils.
437. *FISSURELLA FONTAINIANA*, *d'Orb. Voy.* v. 477.
t. 78. f. 12-14. B.M.
Peru.
438. *FISSURELLA BIRADIATA*, Frembly, *d'Orb. Voy.* v. 477.
Valparaiso.

439. *FISSURELLIDEA MEGATREMA*, *d'Orb. Voy.* v. 477. t. 63. f. 5-10. B.M.
Patagonia.
440. *ACMÆA SCURRA*, *d'Orb. Voy.* v. 478. t. 64. f. 11-14. B.M.
Patella Scurra, *Lesson*.
Acmæa mitra, *Esch*.
Chili; Arica (on *Fucus*).
The type of the genus *Scurria*.
441. *ACMÆA SCUTUM*, *Esch.*, *d'Orb. Voy.* v. 479. t. 64. f. 8-10. B.M.
Lottia punctata, *Gray*.
Chili; Bolivia; Peru.
442. *ACMÆA SUBRUGOSA*, *d'Orb. Voy.* v. 479. B.M.
Brazils.

Fam. 21. PATELLIDÆ.

443. *PATELLA CLYPEATER*, *Lesson*, *d'Orb. Voy.* v. 480. B.M.
Chili.
444. *PATELLA DEAURATA*, *Gmelin*, *d'Orb. Voy.* v. 480. B.M.
Patagonia; Falkland Islands.
445. *PATELLA ZEBRINA*, *Lesson*, *d'Orb. Voy.* v. 480. t. 65. f. 1-3. B.M.
Patella Conceptionis, *Lesson*.
Lottia zebrina, *Gray*.
Chili.
446. *PATELLA PRETREI*, *d'Orb. Voy.* v. 481. t. 78. f. 15-17. B.M.
Chili; Bolivia.
447. *PATELLA PARASITICA*, *d'Orb. Voy.* v. 481. t. 81. f. 1-3. B.M.
Chili; Peru.

448. *PATELLA ARAUCANA*, *d'Orb. Voy.* v. 482. t. 65.
f. 4-6. B.M.

Valparaiso.

Patella Pretrei, *P. parasitica*, *P. Araucana*, and *P. Ceciliana* are only varieties of *P. zebrina*, dependent on the locality and form of the body to which they are attached, and the abundance or scarcity of the food within their reach. They are *Patellæ*, and not *Lottia*.

449. *PATELLA MAXIMA*, *d'Orb. Voy.* v. 482. B.M.

Peru; Payta.

450. *PATELLA CECILIANA*, *d'Orb. Voy.* v. 482. t. 81.
f. 4-6. B.M.

Falkland Islands.

Fam. 22. CHITONIDÆ.

451. *CHITON PERUVIANUS*, *Lamk., d'Orb. Voy.* v. 483. B.M.
Peru.

452. *CHITON SCABRICULUS*, *Sow., d'Orb. Voy.* v. 483. B.M.
Peru.

453. *CHITON TUBERCULIFERUS*, *Sow., d'Orb. Voy.* v. 483. ? B.M.
Chiton spiniferus, *Frembly*.
Chili; Bolivia; Peru.

454. *CHITON HIRUNDINIFORMIS*, *Sow., d'Orb. Voy.* v. 484. B.M.
Peru.

455. *CHITON OLIVACEUS*, *Sow., d'Orb. Voy.* v. 484. B.M.
Chiton magnificus, *Desh*.
Chili.

456. *CHITON COQUIMBENSIS*, *Frembly, d'Orb. Voy.* v. 485. B.M.
Chili; Bolivia; Peru.

457. CHITON CUMINGII, *Frembly, d'Orb. Voy.* v. 485. B.M.
Peru.
458. CHITON GRANOSUS, *Frembly, d'Orb. Voy.* v. 485. B.M.
Chili.
459. CHITON PUNCTULATISSIMUS, *Sow., d'Orb. Voy.*
v. 485. B.M.
Peru.
460. CHITON STOKESII, *Brod., d'Orb. Voy.* v. 486. B.M.
Peru.
461. CHITON INCA, *d'Orb. Voy.* v. 486. t. 65. f. 20-24. B.M.
Peru.
462. CHITON BICOSTATUS, *d'Orb. Voy.* v. 486. t. 81.
f. 7-9. B.M.
Peru; Arica.
463. CHITON LINEOLATUS, *Frembly, d'Orb. Voy.* v.
487. B.M.
Chili.
464. CHITON CHILENSIS, *Frembly, d'Orb. Voy.* v. 487.
Chili.
465. CHITON ELEGANS, *Frembly, d'Orb. Voy.* v. 487. B.M.
Peru; Arica.
466. CHITON DISJUNCTUS, *Frembly, d'Orb. Voy.* v. 487. B.M.
Chili.
467. CHITON SWAINSONII, *Sow., d'Orb. Voy.* v. 488. B.M.
Chili; Peru.
468. CHITON CHILOENSIS, *Sow., d'Orb. Voy.* v. 488. B.M.
Chili.
469. CHITON TEHUELCHUS, *d'Orb. Voy.* v. 488. t. 65.
f. 7-13. B.M.
Patagonia.

470. CHITON ISABELLEI, *d'Orb. Voy.* v. 488. t. 65.
f. 14-19. B.M.
Patagonia.
471. CHITON PULCHELLUS, *Gray, d'Orb. Voy.* v. 489. B.M.
Peru.

Class V. LAMELLIBRANCHIA.

Order I. ORTHOCONQUES.

Suborder I. SINUPALLEALES.

Fam. 1. PHOLADIDÆ.

472. PHOLAS COSTATA, *Linn., d'Orb. Voy.* v. 496. B.M.
Isles Malouines.
473. PHOLAS PUSILLUS, *Linn., d'Orb. Voy.* v. 497.
Pholas clavata, *Lamk.*
Pholas striata, *G. Sow.*
Brazils ; Rio de Janeiro.
474. PHOLAS LANCEOLATA, *d'Orb. Voy.* v. 497. t. 77.
f. 17, 18. B.M.
Patagonia ; Rio Negro.
475. PHOLAS LAMELLOSA, *d'Orb. Voy.* v. 498. t. 77.
f. 20, 21. B.M.
Patagonia ; Rio Negro.
476. PHOLAS CHILOENSIS, *Molina, d'Orb. Voy.* v. 498. B.M.
Peru ; Payta.
477. PHOLAS SUBTRUNCATA, *Sow., d'Orb. Voy.* v. 499. B.M.
Peru ; Payta.
478. PHOLAS CRUCIGER, *Sow., d'Orb. Voy.* v. 499.
Columbia ; Puna.

479. PHOLAS MELANURA, *Sow., d'Orb. Voy.* v. 499.
Ecuador ; Monte Criste.
480. PHOLAS TUBIFERA, *Sow., d'Orb. Voy.* v. 499. B.M.
Peru ; Payta.
481. PHOLAS QUADRA, *Sow., d'Orb. Voy.* v. 500.
Ecuador ; Monte Criste.
482. PHOLAS CURTA, *Sow., d'Orb. Voy.* v. 500.
Ecuador ; Isle de los Leones.
483. PHOLAS CORNEA, *Sow., d'Orb. Voy.* v. 500.
Ecuador ; Chiriqui.
484. PHOLAS GIBBOSA, *d'Orb. Voy.* v. 501.
Xylophaga gibbosa, Sow.
Chili ; Valparaiso (*Cuming*).

Fam. 2. MYACIDÆ.

485. SOLEN SCALPRUM, *Brod., d'Orb. Voy.* v. 505. t. 77.
f. 22. B.M.
Patagonia ; Rio Negro.
486. SOLEN MACHA, *Molina, d'Orb. Voy.* v. 505. B.M.
Solen gladiolus, Gray.
Chili ; Valparaiso.
487. SOLEN GAUDICHAUDI, *Chemn., d'Orb. Voy.* v. 505. B.M.
Chili ; Coquimbo.
488. PANOPÆA ABBREVIATA, *Valenc., d'Orb. Voy.* v.
507. B.M.
Patagonia ; between Rio Negro (No. 133) ; Bay of San Blas.
489. MACTRA FRAGILIS, *Chemn., d'Orb. Voy.* v. 508. B.M.
Mactra ovalina, Lamk.
Brazils ; Rio de Janeiro ; Patagonia ; "Baie Blanche, *Voy.*
no. 130."

490. *MACTRA PETITII*, *d'Orb. Voy.* v. 509. t. 77.
f. 23, 24. B.M.
Brazils; Rio de Janeiro (single valve).
491. *MACTRA ISABELLEANA*, *d'Orb. Voy.* v. 509. t. 77.
f. 25, 26. B.M.
Mouth of the Plata; Maldonado; Montevideo.
492. *MACTRA PATAGONICA*, *d'Orb. Voy.* v. 509. t. 77.
f. 27. B.M.
Patagonia; Rio Negro (single valve, bad state).
493. *MACTRA CLERYANA*, *d'Orb. Voy.* v. 510. B.M.
Brazils; Rio de Janeiro.
494. *MACTRA EDULIS*, *Brod., d'Orb. Voy.* v. 510. B.M.
Maghellan Straits; Port Famine (eaten).
495. *MACTRA BICOLOR*, *d'Orb. Voy.* v. 510. t. 78. f. 18. B.M.
Mulinia bicolor, *Gray*.
Chili; Valparaiso.
496. *MACTRA BYRONENSIS*, *d'Orb. Voy.* v. 511. B.M.
Mulinia Byronensis, *Gray*.
Callao; Chili; Valparaiso.

Fam. 3. ANATINIDÆ.

497. *ANATINA COSTATA*, *Sow., d'Orb. Voy.* v. 512.
Neæra costata, *Gray*.
Ecuador; Santa Elena.
498. *PERIPLOMA INÆQUIVALVIS*, *Schum., d'Orb. Voy.*
v. 513.
Anatina trapezoides, *Lamk*.
Brazils; Santos.
499. *PERIPLOMA COMPRESSA*, *d'Orb. Voy.* v. 514. t. 78.
f. 19, 20. B.M.
Northern Patagonia; San Blas.

500. *PERIPLOMA OVATA*, *d'Orb. Voy.* v. 514. t. 80.
f. 10-12. B.M.
Northern Patagonia; San Blas (broken).
501. *PERIPLOMA PLANIUSCULA*, *Sow., d'Orb. Voy.* v. 515.
Santa Elena.
502. *PERIPLOMA LENTICULARIS*, *Sow., d'Orb. Voy.* v. 515.
Isle de la Muerte.
503. *LYONSIA PATAGONICA*, *d'Orb. Voy.* v. 517. t. 81.
f. 13, 14. B.M.
Northern Patagonia; San Blas.
504. *LYONSIA ALVAREZII*, *d'Orb. Voy.* v. 517. t. 81.
f. 15-17. B.M.
Northern Patagonia; San Blas.
505. *LYONSIA MALVINENSIS*, *d'Orb. Voy.* v. 518. t. 81.
f. 18-20. B.M.
Isles Malouines.
506. *LYONSIA CUNEATA*, *d'Orb. Voy.* v. 518. B.M.
Anatina cuneata, *Gray*.
? *Lyonsia picta*, *Sow*.
Peru; Arica.
507. *LYONSIA BREVIFRONS*, *Sow., d'Orb. Voy.* v. 518.
Ecuador; Santa Elena (*Cuming*).
508. *THRACIA RUGOSA*, *Conrad, d'Orb. Voy.* v. 519. B.M.
Brazils; Rio de Janeiro.
509. *SAXICAVA MERIDIONALIS*, *d'Orb. Voy.* v. 521.
t. 81. f. 21, 22. B.M.
Patagonia; Isles Malouines.
510. *SAXICAVA SOLIDA*, *Sow., d'Orb. Voy.* v. 521. B.M.
Peru; Lima; Callao.

511. *SAXICAVA TENUIS*, *Sow.*, *d' Orb. Voy.* v. 521.
Peru ; Pascomayo.
512. *SAXICAVA PURPURASCENS*, *Sow.*, *d' Orb. Voy.* v. 522.
Ecuador ; Isle de la Muerte.

Fam. 4. SOLECURTIDÆ.

513. *SOLECURTUS PLATENSIS*, *d' Orb. Voy.* v. 523. t. 81.
f. 23. B.M.
Brazils ; Rio de Janeiro (single valve).
Uruguay ; Montevideo (larger).
514. *SOLECURTUS DOMBEYI*, *d' Orb. Voy.* v. 524. B.M.
Solen Dombeyi, *Lamk.*
Peru ; Callao.

Fam. 5. TELLINIDÆ.

515. *LAVIGNON LINEATA*, *Say*, *d' Orb. Voy.* v. 526.
Lutraria papyracea, *Lamk.*
Lutraria lineata, *Say.*
Brazils.
516. *LAVIGNON PAPYRACEA*, *d' Orb. Voy.* v. 527. B.M.
Mactra papyracea, *Chemn.*
Lutraria plicatella, *Lamk.*
Brazils ; Rio de Janeiro ; Northern Patagonia.
517. *LAVIGNON MUTICA*, *d' Orb. Voy.* v. 527. B.M.
Peru ; Payta.
518. *LAVIGNON LAMELLOSA*, *d' Orb. Voy.* v. 527.
Cumingia lamellosa, *Sow.*
Peru ; Payta (*Cuming*).
519. *LAVIGNON TRIGONULARIS*, *d' Orb. Voy.* v. 528.
Cumingia trigonularis, *Sow.* .
Ecuador ; Santa Elena.

520. LAVIGNON COARCTATA, *d'Orb. Voy.* v. 528.
Cumingia coarctata, *Sow.*
Ecuador; Caraccas.
521. DONACILLA SOLENOIDES, *d'Orb. Voy.* v. 529. B.M.
Erycina solenoides, *Brod.*
Patagonia.
522. DONACILLA CHILENSIS, *d'Orb. Voy.* v. 530. B.M.
Mesodesma donacia, *Reeve* (not *Mactra donacia*, *Lamk.*,
from New Zealand).
Chili; Valparaiso (eaten).
523. AMPHIDESMA VARIEGATA, *Lamk., d'Orb. Voy.*
v. 531. B.M.
Brazils; Rio de Janeiro.
524. AMPHIDESMA RETICULATA, *Gray, d'Orb. Voy.* v.
531. B.M.
Tellina reticulata, *Linn.*
Brazils; Rio de Janeiro.
525. AMPHIDESMA SOLIDA, *Gray, d'Orb. Voy.* v. 532. B.M.
Peru; Callao.
526. AMPHIDESMA FORMOSA, *Sow., d'Orb. Voy.* v.
532.
Ecuador; Santa Elena.
527. AMPHIDESMA PALLIDA, *Sow., d'Orb. Voy.* v. 532.
Ecuador; Solango.
528. AMPHIDESMA PURPURASCENS, *Sow., d'Orb. Voy.*
v. 533.
Ecuador; Santa Elena.
529. AMPHIDESMA LENTICULARIS, *Sow., d'Orb. Voy.*
v. 533.
Ecuador; Santa Elena.
530. AMPHIDESMA ROSEA, *Sow., d'Orb. Voy.* v. 533.
Peru; Tumbes.

531. *AMPHIDESMA LÆVIS*, *Sow., d'Orb. Voy.* v. 533.
Ecuador; Xipixapi.
532. *AMPHIDESMA ELLIPTICA*, *Sow., d'Orb. Voy.* v. 533.
Ecuador; Monte Criste.
533. *AMPHIDESMA CORRUGATA*, *Sow., d'Orb. Voy.* v. 534.
Peru; Iquique.
534. *AMPHIDESMA PULCHRA*, *Sow., d'Orb. Voy.* v. 534.
Ecuador; Caraccas.
535. *TELLINA PUNICEA*, *Born, d'Orb. Voy.* v. 535.
Donax Martinicensis, *Lamk.*
Tellina alternata, *Say.*
Brazils.
536. *TELLINA CARNARIA*, *Linn., d'Orb. Voy.* v. 536. B.M.
Lucina carnaria, *Lamk.*
Brazils.
537. *TELLINA CONSTRICTA*, *Philippi, d'Orb. Voy.* v. 536. B.M.
Solen constrictus, *Brug.*
Psammobia Cayennensis, *Lamk.*
Brazils; Rio de Janeiro.
538. *TELLINA BRASILIANA*, *Lamk., d'Orb. Voy.* v. 537. B.M.
Tellina lineata, *Turton.*
Brazils; Rio de Janeiro.
539. *TELLINA CLERYANA*, *d'Orb. Voy.* v. 537. t. 81. B.M.
f. 24, 25.
Brazils; Rio de Janeiro (single valves).
540. *TELLINA PETITIANA*, *d'Orb. Voy.* v. 537. t. 81. B.M.
f. 26, 27.
Brazils; Cape St. Thomas (80 mètres de profondeur)
(single valve).

541. *TELLINA EBURNEA*, *Hanley, d'Orb. Voy.* v. 538. B.M.
Peru; Payta.
542. *ARCOPAGIA SOLIDA*, *d'Orb. Voy.* v. 539. B.M.
Solecurtus solidus, *Gray*.
Peru; Arica.
543. *DONAX BRASILIENSIS*, *d'Orb. Voy.* v. 540. B.M.
Capsa Brasiliensis, *Lamk*.
Brazils; Rio de Janeiro.
544. *DONAX CAYANENSIS*, *Lamk., d'Orb. Voy.* v. 540. B.M.
Donax rugosa, *Lamk*.
Brazils; Bahia.
545. *DONAX RADIATA*, *Valenc., d'Orb. Voy.* v. 540. B.M.
Peru; Arica.
546. *DONAX OBESA*, *d'Orb. Voy.* v. 541. t. 81. f. 28, 30. B.M.
Peru; Payta.
547. *DONAX PAYTENSIS*, *d'Orb. Voy.* v. 541. B.M.
Peru; Payta.

Fam. 6. SOLENELLIDÆ.

548. *SOLENELLA NORRISII*, *Sow., d'Orb. Voy.* v. 543. B.M.
Ctenoconcha Norrisii, *Gray*.
Chili; Valparaiso (partly broken).
549. *LEDA PATAGONICA*, *d'Orb. Voy.* v. 544. t. 82.
f. 1-3. B.M.
Nucula lanceolata, *d'Orb*.
Patagonia; Bay of San Blas (dead).
550. *LEDA SOWERBYANA*, *d'Orb. Voy.* v. 544.
Nucula lanceolata, *Sow.*, not *Lamk*.
Ecuador; Xipixapi.

551. LEDA ELONGATA, *d'Orb. Voy.* v. 545.
Nucula elongata, *Sow.*
Ecuador; Xipixapi (*Cuming*).
552. LEDA CRENIFERA, *d'Orb. Voy.* v. 545.
Nucula crenifera, *Sow.*
Ecuador; Xipixapi (*Cuming*).
553. LEDA GIBBOSA, *d'Orb. Voy.* v. 545. B.M.
Nucula gibbosa, *Sow.*
Peru; Payta.
554. LEDA ELENENSIS, *d'Orb. Voy.* v. 545.
Nucula Elenensis, *Sow.*
Ecuador; Santa Elena.
555. LEDA EBURNEA, *d'Orb. Voy.* v. 546.
Nucula eburnea, *Sow.*
Ecuador; Caraccas.
556. LEDA CUNEATA, *d'Orb. Voy.* v. 546.
Nucula cuneata, *Sow.*
Chili; Valparaiso.
557. LEDA ORNATA, *d'Orb. Voy.* v. 546. t. 82. f. 4-6.
Peru; Payta.

Fam. 7. VENUSIDÆ.

558. PETRICOLA PATAGONICA, *d'Orb. Voy.* v. 547.
t. 82. f. 7-10. B.M.
Patagonia; Rio Negro.
559. PETRICOLA RUGOSA, *Sow., d'Orb. Voy.* v. 548.
Chili; Concepcion.
560. PETRICOLA TENUIS, *Sow., d'Orb. Voy.* v. 548.
Peru.

561. PETRICOLA SOLIDA, *Sow., d'Orb. Voy.* v. 548. B.M.
Peru; Arica.
562. PETRICOLA DISCORS, *Sow., d'Orb. Voy.* v. 548.
Peru.
563. PETRICOLA CONCINNA, *Sow., d'Orb. Voy.* v. 549.
Peru; Arica.
564. PETRICOLA DENTICULATA, *Sow., d'Orb. Voy.* v. 549. B.M.
Peru; Arica (elongate). Peru; Payta (shorter, thick).
565. PETRICOLA ELLIPTICA, *Sow., d'Orb. Voy.* v. 549.
Peru; Payta.
566. PETRICOLA OBLONGA, *Sow., d'Orb. Voy.* v. 549.
Peru; Pascomayo.
567. VENUS PURPURATA, *d'Orb. Voy.* v. 552. B.M.
Cytherea purpurata, Lamk.
Patagonia and Maldonado.
568. VENUS MACULOSA, *Linn., d'Orb. Voy.* v. 552. B.M.
Cardium tigrina, Martyn.
Brazils; Rio de Janeiro.
569. VENUS PHILIPPII, *d'Orb. Voy.* v. 553. B.M.
Cytherea concentrica, Lamk.
Cytherea Patagonica, Philippi.
Brazils; Rio de Janeiro (not Patagonia).
570. VENUS FLEXUOSA, *Linn., d'Orb. Voy.* v. 553. B.M.
Cytherea flexuosa, Lamk.
Brazils; Rio de Janeiro.
571. VENUS DYSERA, *Linn., d'Orb. Voy.* v. 554. B.M.
Cardium discors, Martyn.
Venus cancellata, Lamk.
Brazils; Rio de Janeiro.

572. VENUS RUBIGINOSA, *d'Orb. Voy.* v. 554. B.M.
Cytherea rubiginosa, Philippi.
Venus fulminata, Menke.
 Brazils; Rio de Janeiro.
573. VENUS PAPHIA, *Linn., d'Orb. Voy.* v. 554. B.M.
Anus rugosa, Chemn.
 Brazils; Rio de Janeiro.
574. VENUS RUGOSA, *Chemn., d'Orb. Voy.* v. 555. B.M.
Venus rugosa orientalis, Chemn.
 Brazils; Rio de Janeiro.
575. VENUS PECTORINA, *Lamk., d'Orb. Voy.* v. 555. B.M.
Venus elegans, Gray.
 Brazils; Rio de Janeiro.
576. VENUS PORTESIANA, *d'Orb. Voy.* v. 556. t. 83.
 f. 1, 2.
 Brazils.
577. VENUS ISABELLEANA, *d'Orb. Voy.* v. 556. t. 83.
 f. 3, 4.
 Uruguay; Maldonado.
578. VENUS TEHUELCHA, *d'Orb. Voy.* v. 556. B.M.
Venus Patagonica, d'Orb., not Lamk.
Cytherea rostrata, Koch.
 Patagonia.
579. VENUS ALVAREZII, *d'Orb. Voy.* v. 557. t. 83.
 f. 1, 2. B.M.
 Patagonia; Rio Negro (single valve).
580. VENUS THACA, *d'Orb. Voy.* v. 557. t. 82. f. 11. B.M.
Chama Thaca, Molina.
Venus Dombeyi, Lamk.
Venus ignobilis, Philippi.
 Chili; Valparaiso; Peru; Arica.
581. VENUS COSTELLATA, *Sow., d'Orb. Voy.* v. 558. ? B.M.
 Peru; Arica and Cobija; Callao.

582. VENUS MACTRACEA, *Brod., d'Orb. Voy.* v. 558.
Chili; Valparaiso.
583. VENUS INCONSPICUA, *d'Orb. Voy.* v. 558.
Cytherea inconspicua, *Sow.*
Peru; Payta.
584. VENUS PANNOSA, *d'Orb. Voy.* v. 558. B.M.
Cytherea pannosa, *Sow.*
Peru; Callao; Chili; Coquimbo.
585. VENUS PERUVIANA, *Sow., d'Orb. Voy.* v. 559. B.M.
Peru; Callao.
586. VENUS COMPTA, *Brod., d'Orb. Voy.* v. 559.
Peru; Séchura.
587. VENUS PLANULATA, *d'Orb. Voy.* v. 559. B.M.
Cytherea planulata, *Sow.*
Chili; Coquimbo.
588. VENUS SPURCA, *Sow., d'Orb. Voy.* v. 559.
Chili; Valparaiso (*Cuming*).
589. VENUS CHILENSIS, *Sow., d'Orb. Voy.* v. 560.
Chili; Valparaiso.
? Venus Thaca, var., *d'Orb. l. c.* 560.
590. VENUS LENTICULARIS, *Sow., d'Orb. Voy.* v. 560. B.M.
Chili; Valparaiso.
591. VENUS OPACA, *Sow., d'Orb. Voy.* v. 560. B.M.
Venus expallescens, *Philippi.*
Peru; Arica.
592. VENUS DISCREPANS, *Sow., d'Orb. Voy.* v. 561.
Peru; Islay.

593. VENUS LUPANARIA, *d'Orb. Voy.* v. 561. B.M.
Cytherea lupanaria, *Lesson.*
Cytherea Dione, var., *Brod.*
Cytherea semilamellosa, *Chemn.*
Peru; Payta.
594. VENUS HISTRIONICA, *Sow., d'Orb. Voy.* v. 561.
Ecuador; Santa Elena.
595. VENUS SUBRUGOSA, *Sow., d'Orb. Voy.* v. 561. B.M.
Peru.
596. VENUS CYCLOIDES, *d'Orb. Voy.* v. 562. B.M.
Cytherea gigantea, *Sow.*
Peru; Payta.
597. VENUS TORTUOSA, *d'Orb. Voy.* v. 562.
Cytherea tortuosa, *Brod.*
Ecuador; Xipixapi.
598. VENUS ANTIQUA, *Gray, d'Orb. Voy.* v. 562. B.M.
Peru; Lima.
599. VENUS ASPERRIMA, *Sow., d'Orb. Voy.* v. 562.
Ecuador; Isle of los Lobos.
600. VENUS DISCORS, *Sow., d'Orb. Voy.* v. 563.
Ecuador; Santa Elena.
601. VENUS CUMINGII, *d'Orb. Voy.* v. 563. B.M.
Cytherea modesta, *Sow., not Dubois.*
Peru; Callao.
602. VENUS MARIÆ, *d'Orb. Voy.* v. 563.
Venus Cypria, *Sow., not Brocchi.*
Ecuador; Isle de la Plata.
603. VENUS CRENIFERA, *Sow., d'Orb. Voy.* v. 563.
Peru; Payta.

604. VENUS PULICARIA, *Brod., d'Orb. Voy.* v. 564.
Ecuador.
605. VENUS ALTERNATA, *d'Orb. Voy.* v. 564.
Cytherea alternata, Brod.
Ecuador; Monte Criste.
606. VENUS GNIDIA, *Brod., d'Orb. Voy.* v. 564. B.M.
Peru; Payta.
607. VENUS SOLANGENSIS, *d'Orb. Voy.* v. 564.
Cytherea radiata, Sow., not Chemn., nor Risso.
Ecuador; Xipixapi.
608. VENUS PAYTENSIS, *d'Orb. Voy.* v. 565. B.M.
Cytherea affinis, Brod., not Gmelin.
Peru; Payta.
609. VENUS SQUALIDA, *a'Orb. Voy.* v. 565.
Cytherea squalida, Sow.
Ecuador; Santa Elena.
610. VENUS NEGLECTA, *Gray, d'Orb. Voy.* v. 565. B.M.
Peru; Payta.
611. VENUS COLUMBIENSIS, *Sow., d'Orb. Voy.* v. 566.
Ecuador; Santa Elena.
- *VENUS CALIFORNIENSIS, *Brod.* B.M.
Peru; Payta (*M. Fontaine*).
- *VENUS —? B.M.
——? (*M. Fontaine*).
- *VENUS (CYCLINA —?). B.M.
Peru (single valve); Callao (*Voy.* no. 214): rare.
- *VENUS (CYCLINA). B.M.
Brazils (single valve); Rio de Janeiro.

Fam. 8. CYCLASIDÆ.

612. *CYCLAS PARANACENSIS*, *d'Orb. Voy.* v. 567. t. 83.
f. 25-27. B.M.

Cyrena Paranacensis, *d'Orb.*

Uruguay; Parana.

Corrientes (no. 93, 94); Buenos Ayres.

613. *CYCLAS VARIEGATA*, *d'Orb. Voy.* v. 567. t. 82.
f. 15-17. B.M.

Cyrena variegata, *d'Orb.*

Uruguay; Parana; Banda Oriental; Buenos Ayres
(no. 195).

614. *CYCLAS ARGENTINA*, *d'Orb. Voy.* v. 568. t. 83.
f. 7-9. B.M.

Rivulet in Bay of Montevideo (broken).

615. *CYCLAS PULCHELLA*, *d'Orb. Voy.* v. 568. t. 83.
f. 10-12.

Uruguay; rivulet near Maldonado.

616. *CYCLAS CHILENSIS*, *d'Orb. Voy.* v. 568. t. 83.
f. 13-15. B.M.

Chili; Valdivia (in aquatic mosses).

617. *CYCLAS FONTAINEI*, *d'Orb. Voy.* v. 569. t. 83.
f. 16, 17. B.M.

Ecuador; Guayaquil.

Cyclas Argentina is a *Cyclas*; *Cyclas Chilensis* a *Pera*.

Cyclas Paranacensis and *C. variegata* are *Cyrenæ*, with striated lateral teeth.

C. Fontainei is a *Cyrena*, with short smooth lateral teeth.

Fam. 9. CORBULIDÆ.

618. *CORBULA PATAGONICA*, *d'Orb. Voy.* v. 570. t. 82.
f. 18-20. B.M.

Patagonia; San Blas (*Voy.* no. 126).

619. *CORBULA BICARINATA*, Sow., *d'Orb. Voy.* v. 571.
Ecuador; Santa Elena.
620. *CORBULA BIRADIATA*, Sow., *d'Orb. Voy.* v. 571.
Ecuador; Chiriqui.
621. *CORBULA NASUTA*, Sow., *d'Orb. Voy.* v. 571.
Ecuador; Xipixapi.
622. *CORBULA OVULATA*, Sow., *d'Orb. Voy.* v. 571.
Ecuador; Xipixapi.
623. *SPHENA CLERYANA*, *d'Orb. Voy.* v. 572. t. 83.
f. 18-20.
Brazils; Cape St. Thomas.
624. *AZARA LABIATA*, *d'Orb. Voy.* v. 573. t. 83. f. 22. B.M.
Mya labiata, *Maton*.
Potamomya ochræa, *Hinds*.
Potamomya nimbose, *Sow*.
Corbula nimbose, *Reeve*.
Corbula ochreate, *Reeve*.
La Plata, in brackish water; Montevideo (*Voy.* no. 5).
625. *PANDORA ARCUATA*, Sow., *d'Orb. Voy.* v. 574.
Ecuador; Santa Elena.
626. *PANDORA RADIATA*, Sow., *d'Orb. Voy.* v. 575.
Ecuador; Isle de la Muerte.

Suborder II. INTEGROPALLEALES.

Fam. 1. ASTARTIDÆ.

627. *ASTARTE LONGIROSTRA*, *d'Orb. Voy.* v. 576. t. 83.
f. 21-24. B.M.
Isles Malouines (single valve) (*Du Petit Thouars*).
628. *CRASSATELLA GIBBOSA*, Sow., *d'Orb. Voy.* v. 578. B.M.
Peru; Payta.

Fam. 2. CARDITIDÆ.

629. *CARDITA THOUARSII*, *d'Orb. Voy.* v. 579. t. 84.
f. 1-3. B.M.
Isles Malouines (single valve) (*Du Petit Thouars*).
630. *CARDITA MALOUINÆ*, *d'Orb. Voy.* v. 580. t. 84.
f. 46. B.M.
Isles Malouines (*Du Petit Thouars*).
631. *CARDITA COMPRESSA*, *Reeve, d'Orb. Voy.* v. 580. B.M.
Cardita flabellum, *Reeve*.
Chili; Valparaiso (single valve).
632. *CARDITA NAVIFORMIS*, *Reeve, d'Orb. Voy.* v. 580. B.M.
? *Cardita minima*, *Sow*.
Peru; Arica (*Voy.* no. 157).
633. *CARDITA TEGULINA*, *d'Orb. Voy.* v. 581.
Cardita tegulata, *Reeve*.
Chili; Valparaiso.
634. *CARDITA SEMEN*, *Reeve, d'Orb. Voy.* v. 581.
Bolivia; Mexillones.
635. *CARDITA SPURCA*, *Sow., d'Orb. Voy.* v. 581. t. 82.
f. 13, 14. B.M.
Peru; Callao (*Voy.* no. 183).
636. *CARDITA LATICOSTA*, *d'Orb. Voy.* v. 582.
Cardita laticostata, *Sow.*, not *Pusch*.
Peru; Ecuador.
637. *CARDITA RADIATA*, *Brod., d'Orb. Voy.* v. 582.
Columbia; Solango; Panama.

Fam. 3. LUCINIDÆ.

638. LUCINA JAMAICENSIS, *Lamk.*, *d'Orb. Voy.* v. 583. B.M.
Venus Jamaicensis, *Chemn.*
 Brazils; Rio de Janeiro (*Voy.* no. 19).
639. LUCINA QUADRISULCATA, *d'Orb. Voy.* v. 584. B.M.
Lucina divaricata, *Lamk.*
 Brazils; Rio de Janeiro (*Voy.* no. 11).
640. LUCINA SEMIRETICULATA, *d'Orb. Voy.* v. 584. B.M.
 t. 84. f. 7-9.
 Patagonia (discoloured); Brazils; Rio de Janeiro
 (single valves) (*Voy.* no. 125).
641. LUCINA COSTATA, *d'Orb. Voy.* v. 586. B.M.
 Brazils; Rio de Janeiro (single valve).
642. LUCINA GUARANIANA, *d'Orb. Voy.* v. 586. t. 84. B.M.
 f. 10, 11.
 Brazils; Rio de Janeiro.
643. LUCINA PORTESIANA, *d'Orb. Voy.* v. 587. t. 84. B.M.
 f. 12, 13.
 Brazils; Rio de Janeiro.
644. LUCINA VILARDEBOÆNA, *d'Orb. Voy.* v. 587. B.M.
 t. 84. f. 14, 15.
 La Plata; Maldonado.
645. LUCINA PATAGONICA, *d'Orb. Voy.* v. 587. t. 84. B.M.
 f. 16, 17.
 Patagonia; San Blas (*Voy.* no. 124).
646. LUCINA CRYPTELLA, *d'Orb. Voy.* v. 587. t. 84. B.M.
 f. 18-20.
 Brazils; Pernambuco.

Lucina Pennsylvanica and *L. costata* have large compressed lateral teeth.

L. Guaraniana and *L. Vilardeboæna* have rudimentary compressed lateral teeth and a thick hinge-margin.

L. quadrisulcata (only a variety of *L. divaricata*), *L. semireticulata*, *L. Portesiana* and *L. Patagonica* have no lateral teeth and a thin cardinal margin; these have all an external marginal cartilage.

L. cryptella has an internal cartilage and no lateral teeth.

647. *ERYCINA PETITIANA*, *Recluz, d'Orb. Voy. v. 589.*
Peru; Callao.

Fam. 4. CARDIDÆ.

648. *CARDIUM SERRATUM*, *Linn., d'Orb. Voy. v. 590. B.M.*
Cardium lævigatum, Gmelin.
Cardium citrinum serratum, Chemn.
Brazils; Rio de Janeiro (*Voy. no. 227*).
649. *CARDIUM MURICATUM*, *Linn., d'Orb. Voy. v. 591. B.M.*
Brazils; Rio de Janeiro (*Voy. no. 28*).
650. *CARDIUM LAMARCKII*, *d'Orb. Voy. v. 591.*
Cardium Brasilianum, Lamk.
Brazils.
651. *CARDIUM MACULOSUM*, *Wood, d'Orb. Voy. v. 592.*
Cardium multistriatum, Sow.
Columbia; Santa Elena.
652. *CARDIUM GRANIFERUM*, *Brod., d'Orb. Voy. v. 592.*
Ecuador.
653. *CARDIUM BIANGULATUM*, *Sow., d'Orb. Voy. v. 592.*
Ecuador; Santa Elena.
654. *CARDIUM CONSORS*, *Brod., d'Orb. Voy. v. 592.*
Ecuador.

655. *CARDIUM OBOVALE*, *Sow., d'Orb. Voy.* v. 593.
Ecuador.
656. *CARDIUM ASPERSUM*, *Sow., d'Orb. Voy.* v. 593.
Ecuador; Santa Elena.
657. *CARDIUM ELENENSE*, *Sow., d'Orb. Voy.* v. 593.
Ecuador; Santa Elena.
658. *CARDIUM SENTICOSUM*, *Sow., d'Orb. Voy.* v. 593.
Ecuador; Santa Elena.
659. *CARDIUM PROCERUM*, *Sow., d'Orb. Voy.* v. 594. B.M.
Peru; Payta.

Fam. 5. UNIONIDÆ.

660. *IRIDINA TRAPEZIALIS*, *d'Orb. Voy.* v. 596. B.M.
Parana; Corrientes.
661. *IRIDINA ESULA*, *d'Orb. Voy.* v. 597. B.M.
Anodonta esula, *Jan.*
Anodonta Blainvilliana, *Lea.*
Central Region of S. America; Bolivia, in lakes.
662. *CASTALIA AMBIGUA*, *Lamk., d'Orb. Voy.* v. 598. B.M.
t. 72. f. 4-10.
Tetraplodon pectinatum, *Spix.*
Castalia inflata, *d'Orb.*
Brazils; Bolivia; Rivers Amazon and La Plata.
663. *CASTALIA QUADRILATERA*, *d'Orb. Voy.* v. 599. B.M.
t. 73.
Bolivia; Rio de San Miguel.
664. *MYCETOPUS SOLENIFORMIS*, *d'Orb. Voy.* v. 601. B.M.
t. 66.
Bolivia; Rio Piray.

665. MYCETOPUS SILIQUOSUS, *d'Orb. Voy.* v. 601. t. 67. B.M.
Anodon siliquosus, Spix.
Anodon longinum, Spix.
 Bolivia ; Argentine Republic ; Corrientes ; Rio Piray.
666. MYCETOPUS VENTRICOSUS, *d'Orb. Voy.* v. 602. t. 72. f. 1-3.
 Bolivia ; Rio de Tucubata.
667. UNIO PARANENSIS, *Lea, d'Orb. Voy.* v. 603. B.M.
 Bolivia (adult) ; Rio Parana (*Voy.* no. 76) ; Corrientes (young).
668. UNIO SOLISIANA, *d'Orb. Voy.* v. 604. t. 69. f. 1-3. B.M.
 Buenos Ayres ; Rio de la Plata (*Voy.* no. 79).
669. UNIO VARIABILIS, *Gray, d'Orb. Voy.* v. 604. t. 71. f. 1-3. B.M.
Mya variabilis, Maton.
Unio Matonianus, d'Orb.
 Buenos Ayres ; Rio de la Plata (*Voy.* no. 81).
 Corrientes ; Rio Batel (*Voy.* no. 84).
670. UNIO FONTAINEANA, *d'Orb. Voy.* v. 605. t. 69. f. 6, 7. B.M.
 Brazils ; Rio Parahiva.
671. UNIO DELODONTA, *Lamk., d'Orb. Voy.* v. 605. B.M.
Unio lacteola, Lea.
 Montevideo ; Republic of Uruguay ; Buenos Ayres ;
 Rio de la Plata.
- Unio Paranensis, U. Solisiana, U. variabilis* and *U. Delodonta* appear to be varieties of the same species.
672. UNIO CHARRUANA, *d'Orb. Voy.* v. 606. t. 71. f. 8-14. B.M.
 Var. smaller. *Unio faba, d'Orb.*
 Banda Orientale ; Maldonado (*Voy.* no. 51).

673. UNIO RHUACOICA, *d'Orb. Voy.* v. 606. t. 69. f. 4, 5. B.M.
Banda Orientale ; Maldonado (*Voy.* no. 90).
674. UNIO MULTISTRIATA, *Lea, d'Orb. Voy.* v. 607. B.M.
Brazils ; Rio Parahiva.
675. UNIO HYLÆA, *d'Orb. Voy.* v. 607. t. 69. f. 8, 9. B.M.
Bolivia ; Santa Cruz de la Sierra (*Voy.* no. 171).
676. UNIO GUARANIANA, *d'Orb. Voy.* v. 608. t. 69. f. 10-12. B.M.
Corrientes ; River Parana, near Itaty (*Voy.* no. 86).
677. UNIO PSAMMOICA, *d'Orb. Voy.* v. 608. t. 71. f. 4-7. B.M.
Corrientes ; Parana, near Itaty (*Voy.* no. 23).
Like *Castalia*, but animal of *Unio*.
678. UNIO BURROUGHIANA, *Lea, d'Orb. Voy.* v. 609. B.M.
Montevideo ; Banda Orientale de la Plata.
679. UNIO PARALLELIPIPEDON, *Lea, d'Orb. Voy.* v. 609. B.M.
Argentine Republic ; Corrientes ; Parana (*Voy.* no. 87).
680. UNIO PATAGONICA, *d'Orb. Voy.* v. 610. t. 70. f. 1-4. B.M.
Northern Patagonia ; Rio Negro.
681. UNIO OBTUSA, *Féruss., d'Orb. Voy.* v. 610. B.M.
Unio depressa, *Lesson*.
Chili ; Valparaiso.
682. UNIO DEPRESSA, *Lamk., d'Orb. Voy.* v. 611. B.M.
Unio Chiliensis, *Gray, Spic. Zool.*
Chili ; Valparaiso ; La Laguna.
683. MONOCONDYLÆA PARAGUAYANA, *d'Orb. Voy.* v. 612. t. 70. f. 5-7. B.M.
Argentine Republic ; Province of Corrientes ; Rio Parana (*Voy.* no. 74).

684. *MONOCONDYLÆA MINUANA*, *d'Orb. Voy.* v. 612. t. 70. f. 8-10. B.M.
Banda Orientale de la Plata; Rio del Rosario
(*Voy.* no. 96).
685. *MONOCONDYLÆA PARCHAPPII*, *d'Orb. Voy.* v. 613. t. 68. f. 1-3. B.M.
Argentine Republic; Corrientes; Rio Parana
(*Voy.* no. 72).
686. *MONOCONDYLÆA CORRIENTESSENSIS*, *d'Orb. Voy.* v. 613. t. 68. f. 8-10. B.M.
Argentine Republic; Corrientes; Rio Batel (*Voy.* no. 73).
687. *MONOCONDYLÆA GUARAYANA*, *d'Orb. Voy.* v. 614. t. 68. f. 4-7. B.M.
Bolivia; Rio de San Miguel (*Voy.* no. 162).
688. *MONOCONDYLÆA FOSSICULIFERA*, *d'Orb. Voy.* v. 614, t. 80. f. 5-7. B.M.
Argentine Republic; Corrientes; River Parana
(*Voy.* no. 69).
689. *ANODONTA SIRIONOS*, *d'Orb. Voy.* v. 615. t. 74. f. 4-6, t. 80. f. 1-4. B.M.
Var. *Anodonta Ferrarsii*, *d'Orb.*
Bolivia; Rio de San Miguel (*Voy.* no. 163).
Banda Orientale; Rio del Rosario (*Voy.* no. 62).
Anodonta Ferrarsii, *d'Orb.*
Corrientes; Parana (*Voy.* no. 75); Bolivia; Rio
Piray; Santa Cruz (*Voy.* no. 163).
690. *ANODONTA TENEBRICOSA*, *Lea, d'Orb. Voy.* v. 616. B.M.
Republic of Uruguay; Banda Orientale; Rio de
San Jose (*Voy.* no. 65); Buenos Ayres; Rio
de la Plata (*Voy.* no. 65).

691. ANODONTA MEMBRANACEA, *d'Orb. Voy.* v. 616.
t. 79. f. 11. B.M.
Mytilus membranaceus, *Maton*.
Anodonta lato-marginata, *Lea*.
Republic of Uruguay; Buenos Ayres; Rio de la
Plata.
692. ANODONTA SOLENIFORMIS, *d'Orb. Voy.* v. 617.
t. 84. f. 1-3. B.M.
Corrientes; Rio Parana (*Voy.* no. 66).
693. ANODONTA ENSIFORMIS, *d'Orb. Voy.* v. 618. t. 79.
f. 10. B.M.
Anodon ensiforme, *Spix*.
Bolivia; Rio de San Miguel.
694. ANODONTA TRIGONA, *d'Orb. Voy.* v. 618. B.M.
Anodon trigonum, *Spix*.
Anodon chiquetana, *d'Orb*.
Argentine Republic; Rio Batel (*Voy.* no. 67);
Bolivia; Rio de San Miguel; Guarayon (*Voy.*
no. 67); Chiquitos (*Voy.* no. 67); Parana; Cor-
rientes (*Voy.* no. 67).
695. ANODONTA TRAPEZEUM, *d'Orb. Voy.* v. 619. B.M.
Anodon trapezium, *Spix*.
Anodon rotundum, *Spix*.
River Parana.
696. ANODONTA LIMNOICA, *d'Orb. Voy.* v. 619. t. 79.
f. 1-3. B.M.
Province of Corrientes; Maloya (*Voy.* no. 64).
697. ANODONTA LUCIDA, *d'Orb. Voy.* v. 620. t. 79.
f. 4-6. B.M.
Banda Orientale; Rio del Rosario (*Voy.* no. 97).
698. ANODONTA PUELCHANA, *d'Orb. Voy.* v. 620.
t. 79. f. 7-9. B.M.
Northern Patagonia; Rio Negro (*Voy.* no. 98).

699. *ANODONTA EXOTICA*, *Lamk.*, *d'Orb. Voy.* v. 621. B.M.
Anodonta trapezialis, *Lamk.*
Anodonta Patagonica, *Lamk.*
Anodon giganteum, *A. anserinum* et *A. radiatum*, *Spix.*
 Argentine Republic, river and lakes ; Corrientes ; Rio
 Batel (*Voy.* no. 57).
Anodon obtusum, *Spix.*
Anodon Jacobini ?
 South America (*M. Moricand*).
Anodon littoratum, *Spix* (*Moricand*).
Anodonta rotunda.
 Corrientes ; Rio Parana (*Voy.* no. 68).
700. *BYSSANODONTA PARANENSIS*, *d'Orb. Voy.* v.
 622. t. 84. f. 21-23.
 Argentine Republic ; River Parana.

Fam. 6. NUCULIDÆ.

701. *NUCULA PUELCHA*, *d'Orb. Voy.* v. 624. t. 84.
 f. 24-26. B.M.
 North Patagonia ; San Blas (*Voy.* no. 114).
702. *NUCULA SEMI-ORNATA*, *d'Orb. Voy.* v. 624. t. 84.
 f. 27-29. B.M.
 North Patagonia ; San Blas.
703. *NUCULA PISUM*, *Sow.*, *d'Orb. Voy.* v. 625.
 Chili ; Valparaiso.
704. *NUCULA EXIGUA*, *Sow.*, *d'Orb. Voy.* v. 625.
 Ecuador ; Caraccas.
705. *NUCULA GRAYI*, *Sow.*, *d'Orb. Voy.* v. 625. B.M.
Nucula obliqua, *Gray*, not *Lamk.*
 Chili ; Valparaiso.

Fam. 7. ARCACIDÆ.

706. *PECTUNCULUS LONGIOR*, *Sow., d'Orb. Voy. v. 627.* B.M.
Brazils; Rio de Janeiro (single valves, worn).
707. *PECTUNCULUS TELLINÆFORMIS*, *Reeve, d'Orb. Voy. v. 627.*
Brazils; Rio de Janeiro.
708. *PECTUNCULUS INTERMEDIUS*, *Brod., d'Orb. Voy. v. 627. t. 82. f. 26.* B.M.
Var.? *Pectunculus ovatus*, *Brod.*
Peru; Callao (*Voy. no. 127*).
709. *PECTUNCULUS MINOR*, *d'Orb. Voy. v. 628.*
Pectunculus pectinatus, *Reeve.*
Ecuador; Guayaquil.
710. *PECTUNCULUS TESSELLATUS*, *Sow., d'Orb. Voy. v. 628.*
Ecuador; Xipixapi.
711. *PECTUNCULUS MULTICOSTATUS*, *Sow., d'Orb. Voy. v. 628.*
Ecuador; Guayaquil.
712. *PECTUNCULUS ASSIMILIS*, *Sow., d'Orb. Voy. v. 628.*
Ecuador; Guayaquil.
713. *PECTUNCULUS STRIGILLATUS*, *Sow., d'Orb. Voy. v. 628.*
Ecuador; Santa Elena.
714. *ARCA AMERICANA*, *d'Orb. Voy. v. 632.* B.M.
Brazils.

715. ARCA BICOPS, *Philippi, d'Orb. Voy.* v. 632. B.M.
Arca rhombea, var., *Chemn.*
Arca Brasiliana, *Lamk.*, not *Reeve*.
Brazils; Rio de Janeiro.
716. ARCA SOLIDA, *Reeve, d'Orb. Voy.* v. 633.
Byssarca solida, *Sow.*
Peru; Payta.
717. ARCA PUSILLA, *Sow., d'Orb. Voy.* v. 633. B.M.
Byssarca pusilla, *Sow.*
Bolivia; Cobija; Peru; Arica.
718. ARCA OBESA, *Sow., d'Orb. Voy.* v. 633.
Peru; Atacama.
719. ARCA LABIATA, *Sow., d'Orb. Voy.* v. 634.
Peru; Tumbez.
720. ARCA LABIOSA, *Sow., d'Orb. Voy.* v. 634.
Peru; Tumbez.
721. ARCA CARDIIFORMIS, *Sow., d'Orb. Voy.* v. 634. B.M.
Arca inequivalvis, *Sow.*, not *Brug.*
Arca Brasiliana, *Reeve*, not *Lamk.*
Peru; Payta.
722. ARCA REVERSA, *Sow., d'Orb. Voy.* v. 635.
Peru; Tumbez.
723. ARCA EMARGINATA, *Sow., d'Orb. Voy.* v. 635.
Peru; Atacama; Ecuador; Xipixapi; Panama.
724. ARCA REEVEANA, *d'Orb. Voy.* v. 635. B.M.
Arca Helblingii, *Reeve*, not *Brug.*
Peru; Payta.
725. ARCA GRADATA, *Sow., d'Orb. Voy.* v. 636.
Ecuador; Santa Elena.

726. *ARCA ÆQUATORIALIS*, *d'Orb. Voy.* v. 636.
Arca ovata, *Reeve*, not *Gmelin*.
Ecuador ; Santa Elena.
727. *ARCA AVICULOIDES*, *Reeve, d'Orb. Voy.* v. 636.
Arca auriculata, *Sow.*, not *Lamk*.
Ecuador ; Santa Elena.
728. *ARCA SOWERBYI*, *d'Orb. Voy.* v. 637. B.M.
Arca biangulata, *Sow.*
Ecuador ; Guayaquil.
729. *ARCA GRANDIS*, *Brod., d'Orb. Voy.* v. 637.
Ecuador ; Guayaquil.
730. *ARCA LURIDA*, *Reeve, d'Orb. Voy.* v. 637.
Byssarca lurida, *Sow.*
Ecuador ; Santa Elena.
731. *ARCA NUX*, *Sow., d'Orb. Voy.* v. 638.
Ecuador ; Xipixapi.
732. *ARCA ALTERNATA*, *Reeve, d'Orb. Voy.* v. 638.
Byssarca alternata, *Sow.*
Ecuador.
733. *ARCA MUTABILIS*, *Reeve, d'Orb. Voy.* v. 638.
Byssarca mutabilis, *Sow.*
Ecuador.
734. *ARCA LITHODOMUS*, *Reeve, d'Orb. Voy.* v. 639.
Byssarca lithodomus, *Sow.*
Lithoarca, *Gray*.
Ecuador ; Monte Criste.
735. *ARCA PACIFICA*, *Reeve, d'Orb. Voy.* v. 639.
Byssarca pacifica, *Sow.*
Ecuador ; Santa Elena.
736. *ARCA CEPOIDES*, *Reeve, d'Orb. Voy.* v. 639.
Ecuador ; San Miguel.

Fam. 8. MYTILIDÆ.

737. *PINNA LISTERI*, *d'Orb. Voy.* v. 641. t. 85. f. 1. B.M.
Brazils.
738. *PINNA PATAGONICA*, *d'Orb. Voy.* v. 641. t. 85.
f. 2.
Patagonia ; Rio Negro.
739. *MYTILUS ELONGATUS*, *Chemn., d'Orb. Voy.* v. 643. B.M.
Brazils ; Rio de Janeiro (*Voy.* no. 35).
740. *MYTILUS DARWINIANUS*, *d'Orb. Voy.* v. 643. t. 84. B.M.
f. 30-33.
Brazils ; Rio de Janeiro (*Voy.* no. 34). North
Patagonia ; Ensenada di Ross (*Voy.* no. 109) :
(eaten). Patagonia (*Voy.* no. 106).
741. *MYTILUS (MODIOLA) GUYANENSIS*, *d'Orb. Voy.* v. 644. B.M.
Brazils ; Rio de Janeiro (*Voy.* no. 36) : (eaten).
742. *MYTILUS VIATOR*, *d'Orb. Voy.* v. 644. t. 84.
f. 33-36.
Patagonia.
This is *Mytilus impactus*, *Hermann, Naturf.* xvii. 147.
t. 3. f. 5-8 ; xix. 183.
Mytilus Cor, *Martyn*.
Mytilus lanatus, *Calonne, Cat.* 43.
743. *MYTILUS DOMINGENSIS*, *Lamk., d'Orb. Voy.* v. 645. t. 84. f. 38, 89.
Mytilus exustus, *Lamk.*, not *Linn*.
Brazils ; Rio de Janeiro ; Cuba and Martinique.
744. *MYTILUS FALCATUS*, *d'Orb. Voy.* v. 645. t. 84. B.M.
f. 38, 39.
Brazils ; Rio de Janeiro (*Voy.* no. 37).
Var. spotted. Maldonado ?

745. *MYTILUS PLATENSIS*, *d'Orb. Voy. v. 645. t. 85.*
f. 3, 4. B.M.
Mytilus eduliformis, *d'Orb.*, not *Schloth.*
Uruguay; Maldonado; Montevideo, on rocks (bad state).
746. *MYTILUS SOLISIANUS*, *d'Orb. Voy. v. 646. t. 85.*
f. 5-8. B.M.
Maldonado; Entre de la Plata (*Voy. no. 45*).
747. *MYTILUS RODRIGUEZII*, *d'Orb. Voy. v. 646. t. 85.*
f. 9-11. B.M.
Patagonia; Rio Negro and Baie de San Blas.
748. *MYTILUS PATAGONICUS*, *d'Orb. Voy. v. 646.*
t. 85. f. 12, 13. B.M.
Patagonia; Baie de San Blas (*Voy. no. 104*): (eaten).
749. *MYTILUS MAGELLANICUS*, *Chemn., d'Orb. Voy.*
v. 647. B.M.
Patagonia; South of Rio Negro (*Voy. no. 172*).
750. *MYTILUS CHORUS*, *Molina, d'Orb. Voy. v. 647.* B.M.
Mytilus unguatus, *Valenc.*, not *Lamk.*
Chili; Concepcion; Peru (young?); Lima (eaten).
751. *MYTILUS AMERICANUS*, *d'Orb. Voy. v. 648.* B.M.
Peru; Callao; Lima.
752. *MYTILUS OVALIS*, *Lamk., d'Orb. Voy. v. 648.* B.M.
Peru.
753. *MYTILUS GRANULATUS*, *Hanley, d'Orb. Voy. v.*
648. B.M.
Chili; Valparaiso (*Voy. no. 145*); Peru; Callao
(*Voy. no. 153*).
754. *MYTILUS CHENUANUS*, *d'Orb. Voy. v. 649. t. 85.*
f. 14-16. B.M.
Modiola Chenuanus, *Recluz.*
Peru; Payta (*M. Fontaine*).

755. *MYTILUS SOLENIFORMIS*, *d'Orb. Voy. v. 649.*
t. 85. f. 17, 18. B.M.

Peru ; Payta.

Mytilus falcatus is a smooth *Mytilus*.

M. elongatus, *M. chorus*, *M. Patagonicus*, *M. Platensis*, *M. Solisianus*, *M. Darwinianus*, *M. ovalis*, *M. Americanus*, and *M. granulatus*, are costated *Mytili*.

M. Guyanensis is a smooth *Modiola*.

M. Chenuanus, *M. Rodriguezii*, and *M. viator*, are costated *Modiolæ*.

M. soleniformis is the type of a new genus.

756. *LITHODOMUS PATAGONICUS*, *d'Orb. Voy. v. 650.*
t. 85. f. 19, 20. B.M.

Patagonia ; South of Rio Negro (*Voy. no. 107*)
(rock and tube).

757. *LITHODOMUS PERUVIANUS*, *d'Orb. Voy. v. 561.* B.M.
Peru ; Callao ; Payta. In coral holes, lined with
shelly matter near the mouth.

758. *LITHODOMUS INCA*, *d'Orb. Voy. v. 561.* B.M.
Peru ; Payta.

Lithodomus Peruvianus and *L. Patagonicus* both line the upper part of the cavity they inhabit with a shelly tube. *L. Peruvianus* lives in coral, and *L. Patagonicus* in mud. *L. Inca* scarcely appears to differ from *L. Peruvianus*.

Fam. 9. LIMIDÆ.

759. *LIMA ANGULATA*, *Sow., d'Orb. Voy. v. 653.*
Ecuador ; Caraccas.

760. *LIMA PACIFICA*, *d'Orb. Voy. v. 654.*
Lima arcuata, *Sow.*, not *Geinitz*.
Ecuador, Guayaquil, and Panama.

Order II. PLEUROCONQUES.

Fam. 1. AVICULIDÆ.

761. AVICULA SQUAMULOSA, *Lamk., d'Orb. Voy. v. 658.* B.M.

Mytilus margaritiferus, pars, Gmelin.

Brazils; Rio de Janeiro (*Voy. no. 33*).

- *AVICULA. B.M.

Peru; Payta (*M. Fontaine, no. 86*).

Fam. 2. PECTINIDÆ.

762. PECTEN TEHUELCHUS, *d'Orb. Voy. v. 662. t. 85. f. 21-24.* B.M.

Patagonia, between Rio Negro and Bahia de San Blas (*Voy. no. 139*).

763. PECTEN PATAGONICUS, *King, d'Orb. Voy. v. 662.*
Maghellan Straits (*King*).

764. PECTEN PURPURATUS, *Lamk., d'Orb. Voy. v. 663.* B.M.

Peru; Callao.

765. PECTEN TUMBEZENSIS, *d'Orb. Voy. v. 663.*

Pecten aspersus, Sow., not Lamk.

Peru; Tumbez.

766. PECTEN INCA, *d'Orb. Voy. v. 663.* B.M.

Pecten tumidus, Sow., not Zieten.

Peru; Payta.

767. PECTEN MAGNIFICUS, *Sow., d'Orb. Voy. v. 664.*

Ecuador; Isle de la Plata.

768. *JANIRA DENTATA*, *d'Orb. Voy.* v. 666.
Pecten dentatus, *Sow.*
 Ecuador ; Santa Elena.
769. *SPONDYLUS PRINCEPS*, *Brod., d'Orb. Voy.* v. 667. B.M.
 Ecuador ; Isle de la Plata.
770. *SPONDYLUS LEUCACANTHA*, *Brod., d'Orb. Voy.*
 v. 668.
 Ecuador ; Isle de la Plata (var. of preceding?).
771. *PLICATULA BARBADENSIS*, *d'Orb. Voy.* v. 669.
Spondylus Barbadensis, *Petiver.*
Spondylus plicatus, *Chemn.*
Plicatula ramosa, *P. depressa*, *P. reniformis*, and
P. cristata, *Lamk.*
 Brazils. Var. (smaller) Patagonia.

Fam. 3. CHAMACIDÆ.

772. *CHAMA PELLUCIDA*, *Brod., d'Orb. Voy.* v. 670. B.M.
 Bolivia ; Cobija (*Voy.* no. 154) ; Mexillones (18
 fathoms, mud).
773. *CHAMA FRONDOSA*, *Brod., d'Orb. Voy.* v. 671.
 Ecuador ; Isle de la Plata.
- CHAMA. B.M.
 Peru ; Payta (*M. Fontaine*).

Fam. 4. OSTRACIDÆ.

774. *OSTREA SPRETA*, *d'Orb. Voy.* v. 672. B.M.
 Brazils ; Rio de Janeiro.
775. *OSTREA PUELCHANA*, *d'Orb. Voy.* v. 672. t. 85.
 f. 25, 26, B.M.
 Patagonia ; Baie de San Blas ; Brazils.

776. *OSTREA ÆQUATORIALIS*, *d'Orb. Voy.* v. 672. B.M.
Ecuador ; Guayaquil ; Isle de la Luna.

Ostrea spreta is subplicate ; *O. Puelchana* and *O. Æquatorialis* are smooth, and probably varieties of the same species, varying in form according to the substance on which they are attached : some specimens of the latter have elongated, and others short, broad muscular scars, like *O. Puelchana*.

777. *ANOMIA PERUVIANA*, *d'Orb. Voy.* v. 673. B.M.
Peru ; Payta.

The three muscular scars of the upper valve are nearly equal in size ; the two lower ones are equal, very near together, almost confluent.

778. *PLACUNOMIA FOLIACEA*, *Brod., d'Orb. Voy.* v. 674.
Ecuador ; Guayaquil.

Order III. PALLIOBRANCHES.

779. *TEREBRATULA MALOUINÆ*, *d'Orb. Voy.* v. 674.
t. 85. f. 27-29.
Isles Malouines.
780. *TEREBRATULA DORSATA*, *Lamk., d'Orb. Voy.* v. 675.
Straits of Maghellan.
781. *TEREBRATULA ROSEA*, *Mawe, d'Orb. Voy.* v. 675.
Brazils.
782. *TEREBRATULA FONTAINI*, *d'Orb. Voy.* v. 675.
Terebratula Chilensis, *d'Orb.*
Chili ; Coquimbo.
783. *TEREBRATULA CHILENSIS*, *Brod., d'Orb. Voy.* v. 676. B.M.
Chili ; Coquimbo (bad state).

784. *LINGULA SEMEN*, *Brod., d'Orb. Voy.* v. 676.
Ecuador; Guayaquil.
785. *ORBICULA LAMELLATA*, *Brod., d'Orb. Voy.* v. 677. B.M.
Peru; Callao (large groups of many specimens).
786. *ORBICULA CUMINGII*, *Brod., d'Orb. Voy.* v. 677.
Peru; Payta; Ecuador; Santa Elena.
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CORRECTION.

Page 10. 97. *HELIX CHEILOSTROPHA*, add B.M.



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